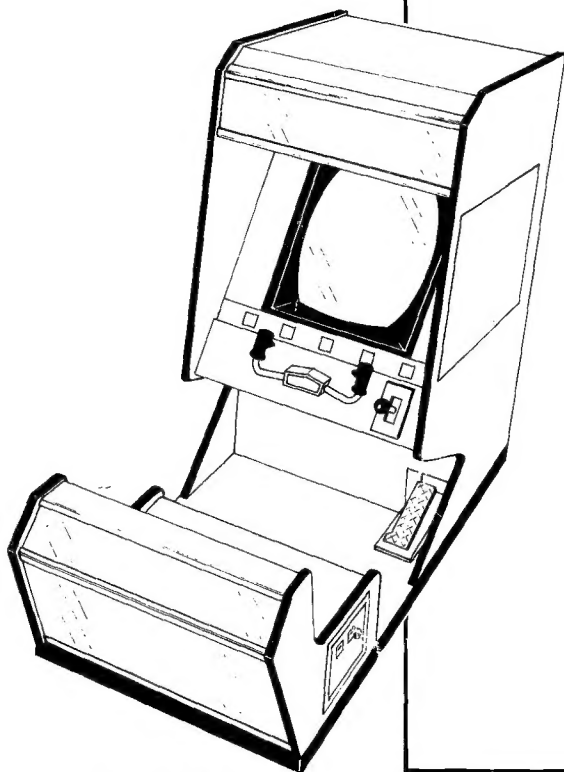
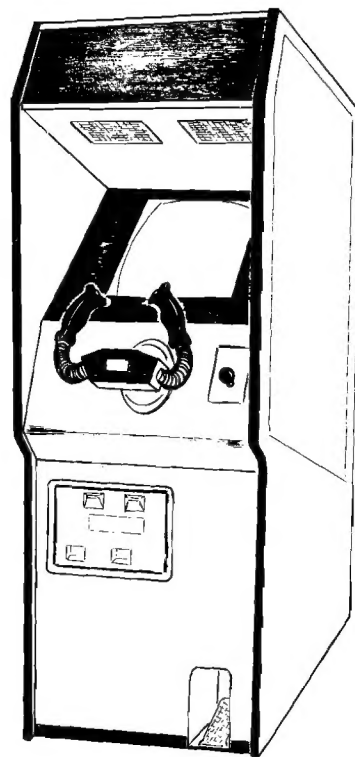


SPY HUNTER

Parts and Operating Manual



NO. 307
SIT DOWN



NO. A27
UPRIGHT

Bally

MIDWAY MFG. CO.

10601 W. Belmont Avenue
Franklin Park, Illinois 60131
U.S.A.



Phone: (312) 451-9200 Cable Address: MIDCO Telex No.: 72-1596

WARNING

**THIS GAME MUST BE GROUNDED. FAILURE TO DO SO MAY
RESULT IN DESTRUCTION TO ELECTRONIC COMPONENTS.**

WARNING: This equipment generates, uses, and can radiate radio frequency energy and if not used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a CLASS A computing device pursuant to SUBPART J of PART 15 of FCC RULES, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

ELECTRICAL BULLETIN: FOR ALL APPARATUS COVERED BY THE CANADIAN STANDARDS ASSOCIATION (CSA) STANDARD C22.2 NO. 1, WHICH EMPLOYS A SUPPLY CORD TERMINATED WITH A POLARIZED 2-PRONG ATTACHMENT PLUG.

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

Bally MIDWAYTM

Invites You To Use

**OUR TOLL FREE NUMBERS FOR
SERVICE INFORMATION CONCERNING THIS GAME, OR ANY
OTHER BALLY MIDWAY GAME YOU NOW HAVE ON LOCATION.**

**CALL US FOR PROMPT, COURTEOUS
ANSWERS TO YOUR PROBLEMS.**

VIDEO ———▶ Continental U.S. 1-800-323-7182

PINBALL ———▶ Continental U.S. 1-800-323-3555

Bally MIDWAYTM

10601 West Belmont Avenue, Franklin Park, Illinois, 60131

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SPY HUNTER

GAME OPERATION

ATTRACT MODE

1. The Attract mode starts:

- ☐ Just after power has been turned on to the game. (Self-Test switch is in the "OFF" position.)
- ☐ After a Self-Test has been completed and there are no more credits left in the games memory.
- ☐ After a play has been finished, the score was not high enough to put the game into the High Score/Initial mode, and there are no more credits left in the games memory.
- ☐ After the High Score/Initial mode when there are no more credits left in its memory.
- ☐ No matter where the game is in the Attract mode sequence, it will immediately go to the Ready-To-Play mode display as soon as a game has been paid for.

READY-TO-PLAY MODE

1. The Ready-To-Play mode starts when enough coins have been accepted for a 1 player game.
2. The Ready-To-Play mode ends when the "WEAPONS VAN" push button is pressed (it also serves as a "START" button).

PLAY MODE

1. The Play mode begins when the "WEAPONS VAN" push button is pressed (it also serves as a "START" button).
2. The Play mode ends when all of your CARS have been eliminated. When this happens, "GAME OVER" is written across the monitor screen.

HIGH SCORE/INITIAL MODE:

If your score was high enough to become one of the ten best scores, the game will go into the High Score/Initial mode immediately after the "GAME OVER" display. If your score is not high enough to cause the game to go into the High Score/Initial mode, it will either go to the Attract mode (if there are no more credits left in its memory) or into the Ready-To-Play mode (if there are still credits left in its memory).

Follow the ON-SCREEN instructions to enter your initials next to your score in the league of the best ten players to date.

After the High Score/Initial mode, the game will either go to the Attract mode (if there are no more credits left in its memory) or into the Ready-To-Play mode (if there are still credits left in its memory).

SPY HUNTER

SCORING

DESCRIPTION	POINTS AWARDED	NOTES
BUMPER CAR	150 POINTS	ON THE ROAD
TIRE SLASHER	150 POINTS	ON THE ROAD
LIMO	500 POINTS	ON THE ROAD
SPEED BOAT	150 POINTS	IN THE WATER
TORPEDO BOAT	500 POINTS	IN THE WATER
HELICOPTER	700 POINTS	ROAD & WATER
STAYING ON ROAD	15 POINTS	FOR EACH 1/4 SCREEN TRAVELED
STAYING IN WATER	25 POINTS	FOR EACH 1/4 SCREEN TRAVELED

SPY HUNTER

OPTION SWITCH SETTINGS

//////////////////////////////////SWITCH NO. 1 - AT B 3 - LOCATED ON SOUND I/O P.C. BOARD//////////////////////////////////

DURING GAME PLAY:

SW#1	SW#2	SW#3	SW#4	SW#5	SW#6	SW#7	SW#8	SW#9	SW#10
NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED

FREEZE VIDEO
**NORMAL OPERATION

ON
OFF

//////////////////////////////////SWITCH NO. 3 - AT D 14 - LOCATED ON SOUND I/O P.C. BOARD//////////////////////////////////

	SW#1	*SW#2	*SW#3	*SW#4
**NORMAL OPERATION	OFF			
SOUND I/O DIAGNOSTIC MODE	ON			

**NORMAL OPERATION
RAM/ROM TEST
INDICATES TEST RESULTS VIA
YELLOW L E D ON SOUND I/O
BOARD:
FAST FLASH = BAD ROM
SLOW FLASH = BAD RAM

OFF
ON

**NORMAL OPERATION
OSCILLATOR TEST

OFF
ON

**NORMAL OPERATION
FILTER TEST

OFF
ON

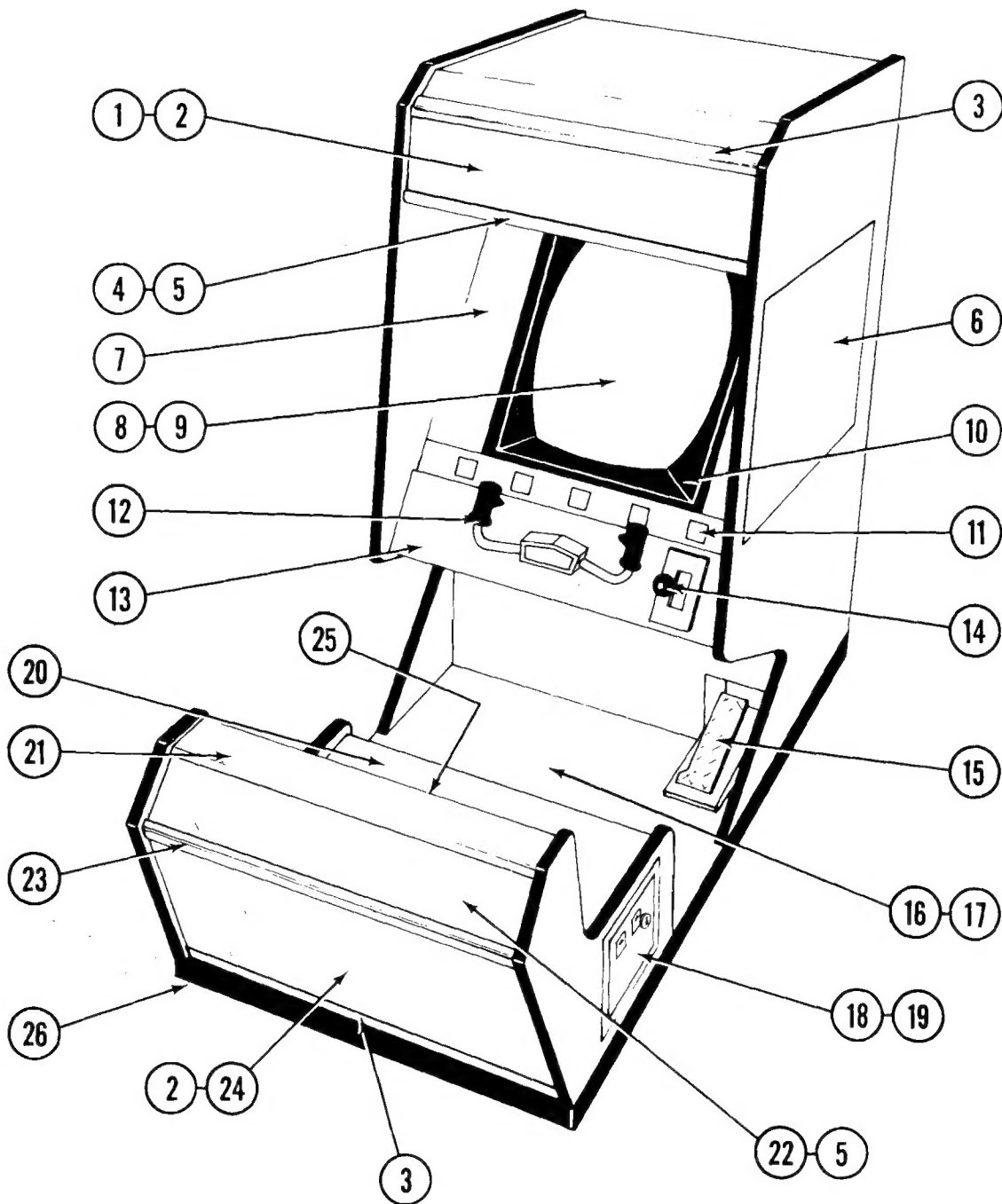
*NO EFFECT IF SW#1 OF SWITCH NO. 3 IS IN THE "OFF" POSITION.

**FACTORY RECOMMENDED SETTINGS.

PART NO. M051-00307-A007

THE REMAINDER OF YOUR NEW GAME'S MOST COMMON OPTION SETTINGS ARE CONDUCTED DURING
THE **MACHINE SETUP** PORTION OF THE SELF-TEST MODE.

NO. 307 - SPY HUNTER SIT DOWN - FRONT



NOTE: DRAWING MAY DIFFER SLIGHTLY FROM ACTUAL ASSEMBLY

NO. 307 - SPY HUNTER SIT DOWN - FRONT PARTS LIST

ORDER BY PART NUMBER ONLY

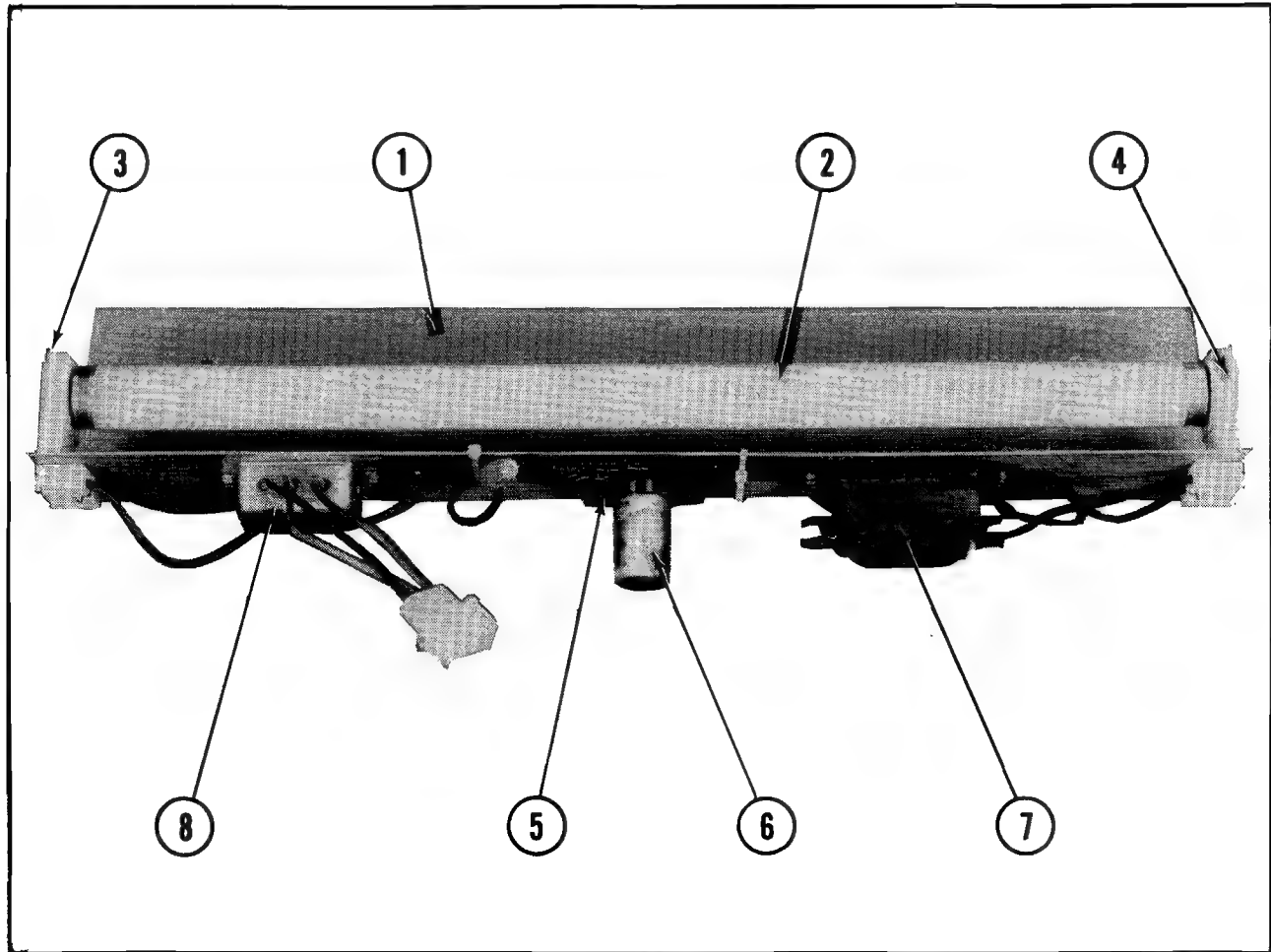
ITEM	PART NO.	DESCRIPTION
1	0307-00902-00XF	HEADER GLASS - MAIN
2	A595-00011-0000	HEADER FLUORESCENT LIGHT ASSY. (3 REQ'D)
3	0336-00103-00XF	HEADER RETAINER BRKT. (2 REQ'D)
	0017-00101-0138	#8X5/8 TORX PAN HD. TAMPER PROOF SCREW (4 REQ'D)
4	A307-00014-00XF	FRONT SPEAKER GRILLE ASSY.
5	0017-00003-0430	6"X9" SPEAKER 4 OHM, 10W (4 REQ'D)
	0017-00101-0136	#8-32X1-1/4 CARRIAGE BOLT (24 REQ'D)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (24 REQ'D)
6	0307-00913-0100	DECAL - RIGHT
	0307-00913-0200	DECAL - LEFT
7	0307-00905-00XF	MAIN VIEWING GLASS
8	0017-00003-0339	ELECTROHOME - 19" COLOR HORIZ MONITOR (OR)
	0017-00003-0439	WELLS-GARDNER - 19" COLOR HORIZ MONITOR (OR)
	0017-00003-0454	ZENITH - 19" COLOR HORIZ MONITOR
	0349-00101-0000	MONITOR SUPPORT RAIL (2 REQ'D)
	0555-00901-0000	PLASTIC LOCATING PIN (4 REQ'D)
	0017-00101-0141	#8X11/16 UNSLOT HEX HD M.S. (8 REQ'D)
9	0314-00902-0000	PLEXI - GLASS
	0508-00901-0000	PLEXI - GLASS MTG CLIPS (4 REQ'D)
	0017-00101-0017	#6X1/2 BLK SLT HEX HD SCR (4 REQ'D)
10	0307-00918-0000	T.V. BEZEL
11	A307-00044-0000	LIGHT PANEL ASSY.
	0360-00935-0000	SMALL SHADOW BOX (5 REQ'D)
	0017-00003-0219	#194 WEDGE BASE LAMP -14V., .27A. (5 REQ'D)
	0017-00031-0030	WEDGE BASE LAMP SOCKET (5 REQ'D)
12	A307-00018-0000	WELD STUD & CONTROL SHELF ASSY.
	0307-00911-0000	DECORATIVE OVERLAY
	0307-00132-0100	CONTROL SHELF MTG. BRKT. - RIGHT
	0307-00132-0200	CONTROL SHELF MTG. BRKT. - LEFT
	0555-00901-0000	PLASTIC LOCATING PINS (4 REQ'D)
	0017-00009-0534	BASSICK CLAMP (2 REQ'D)
	0610-00132-00ZN	STRIKE (2 REQ'D)
	0017-00101-0141	#8X11/16 UNSLOT HEX HD SCR (12 REQ'D)
	0307-00117-00XF	CONTROL SHELF HINGE
13	A307-00042-0000	CONTROL HANDLE ASSY.
14	A307-00038-0000	GEAR SHIFT ASSY.
15	A307-00033-0000	ACCELERATOR PEDAL ASSY.
16	0307-00116-0000	FLOOR
17	0307-00917-0000	DECORATIVE FLOOR OVERLAY
	0017-00101-0138	#8X5/8 TORX PAN HD. TAMPER PROOF SCR (8 REQ'D)
18	A982-00014-0004	50 ¢ DOUBLE COIN DOOR & CABLE ASSY.
	0017-00009-0477	MOLDED CASH BOX
	A894-00025-0000	CASH BOX COVER ASSY.
	A894-00024-0000	CASH BOX SIDE CHANNEL ASSY. - LONG
	0894-00121-0000	CASH BOX SIDE CHANNEL - LONG
19	0090-00002-04BK	LARGE COIN DOOR FRAME
	0017-00101-0121	#6-32X5/16 PHIL TRS HD SCR. (3 REQ'D)(MOUNTS COIN DOOR TO FRAME)
20	0307-00919-0000	SEAT ARRANGEMENT

NO. 307 - SPY HUNTER SIT DOWN - FRONT PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO	DESCRIPTION
21	0307-00121-00XF	SEAT COPING
22	0307-00903-00XF	REAR SEAT HEADER - INSTRUCTIONS
23	0307-00119-00XF	REAR HEADER BRKT. - MIDDLE
	0017-00101-0138	#8X5/8 TORX PAN HD TAMPER PROOF SCREW (13 REQ'D)
24	0307-00904-00XF	DISPLAY HEADER REAR - BOTTOM
25	A307-00015-00XF	REAR SPEAKER GRILLE ASSY. (NOT SEEN)
26	0017-00102-0048	3/8-16X2" LEG LEVELERS (8 REQ'D)
	0017-00103-0026	3/8-16 LEG LEVELERS HEX NUTS (8 REQ'D)
		ADDITIONAL PARTS LIST
	A307-00007-0000	CARD RACK W/BOARDS ASSY.
	A084-91657-A307	SOUND I/O P.C. BOARD ASSY.
	A307-00025-0000	SHIELD & BARRIER ASSY.
	0017-00101-0339	#6-32X3/8 PHIL RND. HD. SCREW (4 REQ'D)
	A084-91442-AA27	C.P.U. MCR-3 P.C. BOARD ASSY.
	A307-00026-0000	SHIELD ASSY. - INNER
	A084-91433-AA27	VIDEO GEN. MCR-3 P.C. BOARD ASSY.
	A307-00027-0000	SHIELD ASSY. - OUTER
	0017-00101-0153	#6-32X1" PHIL RND. HD. SCREW (8 REQ'D)
	A088-00016-0000	INTERLOCK SWITCH & SPRING BRKT. ASSY.
	0303-00904-0000	INTERLOCK SWITCH COVER
	A945-00038-0000	ON-OFF SWITCH & PLATE ASSY.
	A307-00034-0000	MULTIFUNCTION SWITCH/BRACKET ASSY.
	A945-00020-0000	POWER CHASSIS ASSY. - 125VA., 115V
	A945-00019-0000	LINE CORD ASSY. - 115V
	A084-91648-A000	DUAL POWER AMP W/MIXER ASSY. (2 REQ'D)
	A084-91649-C000	ABSOLUTE POSITION P.C. ASSY.
	A084-91673-B000	LAMP DRIVER P.C. BOARD ASSY.
	A084-91671-AA27	CHEAP SQUEAK P.C.B. ASSY.
	A084-90412-D000	POWER SUPPLY - 125VA
	0624-00902-0100	P.C. SUPPORT BRKT. - 12" LG (2 REQ'D)
	0624-00902-0200	P.C. SUPPORT BRKT. - 10" LG (2 REQ'D)
	0624-00902-0400	P.C. SUPPORT BRKT. - 4" LG (2 REQ'D)
	0624-00902-0500	P.C. SUPPORT BRKT. - 6-1/2" LG (2 REQ'D)
	0017-00104-0037	#8 FLAT WASHER (20 REQ'D)
	0017-00101-0141	#8X11/16 UNSLOT HEX HD. SCR. (20 REQ'D)
	A097-00009-0000	BACK DOOR LOCK ASSY.
	0618-00117-00XF	VENT GRILLE (4 REQ'D) - BACK DOOR

HEADER FLOURESCENT FIXTUTRE ASSY.

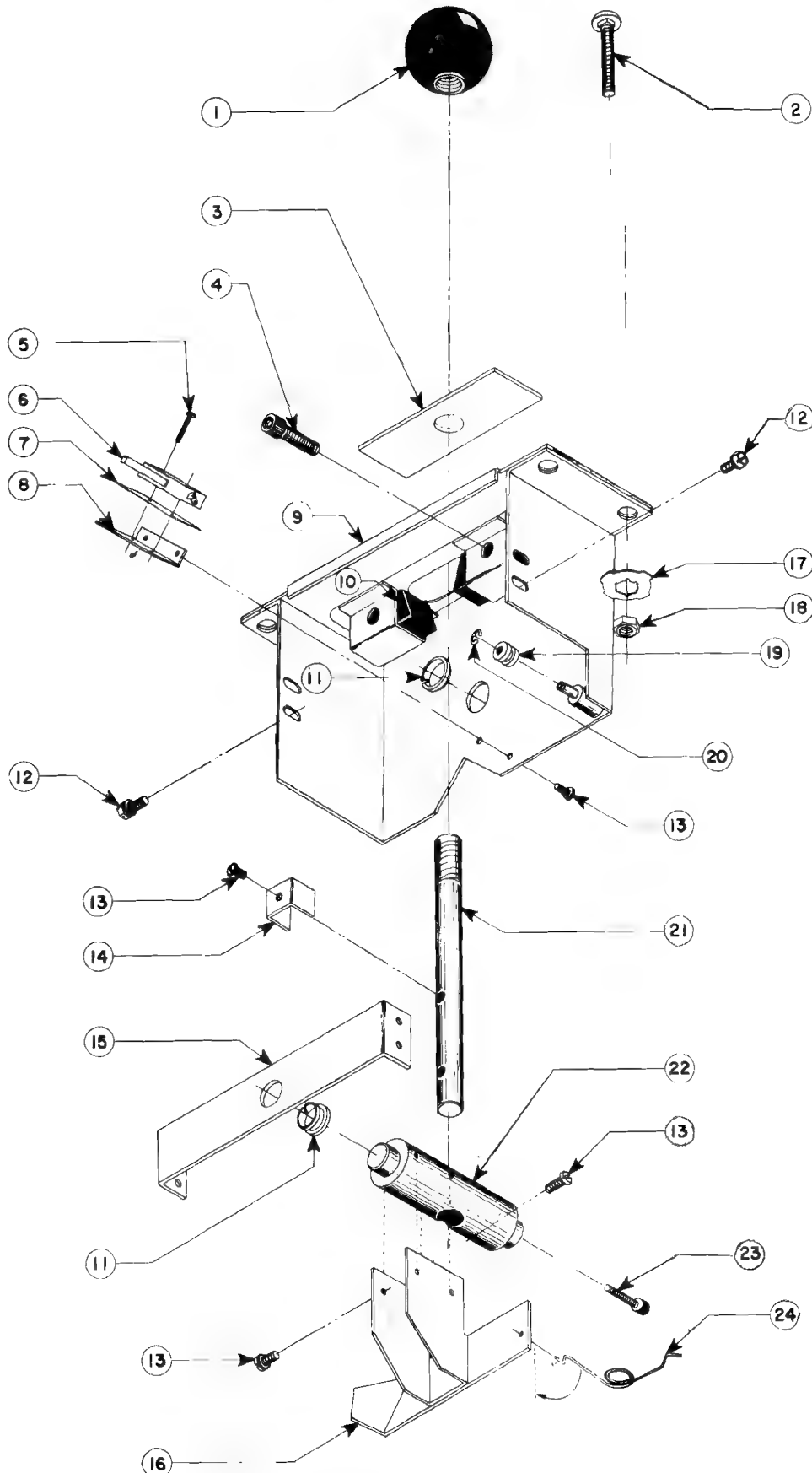


HEADER FLOURESCENT FIXTUTRE ASSY. - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0595-00105-0000	FLUORESCENT BRKT.
2	0017-00003-0043	18" COOL WHITE FLUORESCENT LAMP
3	0017-00003-0445	LAMP LOCKS (2 REQ'D.)
4	0017-00031-0036	FLUORESCENT SOCKET (2 REQ'D.)
5	0017-00003-0412	FLUORESCENT STARTER HOLDER W/LEADS
	0017-00101-0573	#6-32 x 1/2 PHIL. RND. HD. M.S. (4 REQ'D.)
	0017-00104-0009	#6 EXT. WASHER (4 REQ'D.)
6	0017-00003-0019	FLUORESCENT STARTER
7	0017-00003-0026	BALLAST
	0017-00101-0598	#8-32 x 5/16 SLT. HEX HD. SCR. (4 REQ'D.)
8	A961-00042-0000	LINE FILTER ASSY.

SPY HUNTER - GEAR SHIFT ASSY.



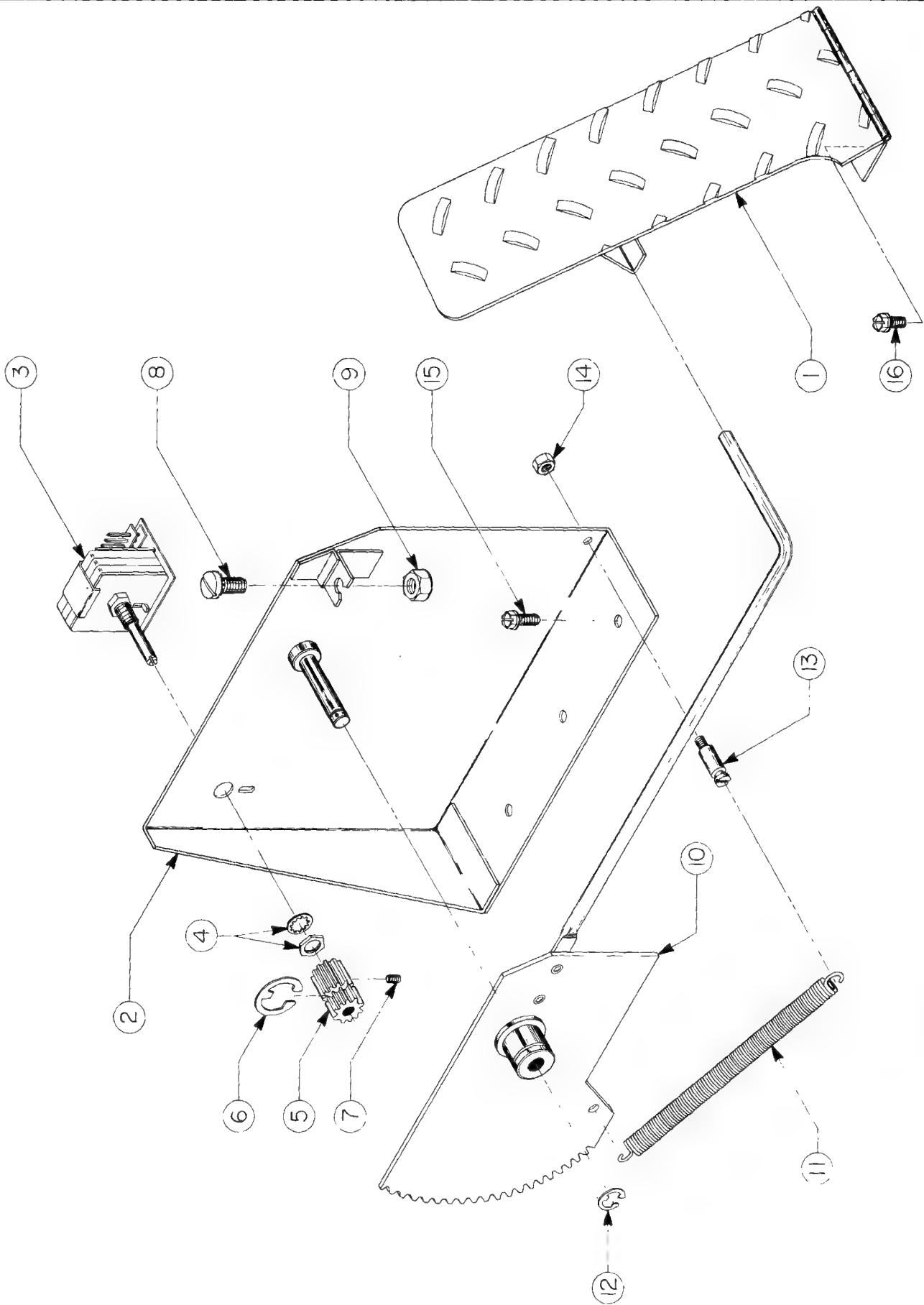
NOTE: DRAWING MAY DIFFER SLIGHTLY FROM ACTUAL ASSEMBLY

SPY HUNTER - GEAR SHIFT ASSY. - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0017-00009-0561	BALL KNOB
2	0017-00102-0019	1/4-20X1-1/2 CARRIAGE BOLT (4 REQ'D)
3	0307-00912-0000	ROUND SLIDE
4	0017-00101-0668	#10-32X1" HEX SOCKET HD CAP SCREW (2 REQ'D)
5	0017-00101-0155	#4-40X9/16 PHIL PAN HD M.S. (2 REQ'D)
6	0017-00032-0006	CHERRY SWITCH
7	0307-00916-0000	SWITCH INSULATOR
8	0307-00133-0000	SWITCH MTG BRKT.
9	A307-00040-0000	CONTROL HOUSING/BEARING ASSY.
10	0941-00905-0000	BUMPERS (2 REQ'D)
11		NOT USED
12	0017-00101-0179	#10-32X3/8 PHIL PAN HD M.S. (4 REQ'D)
13	0017-00101-0593	#8-32X1/4 PAN HD M.S. W/SEMS (6 REQ'D)
14		NOT USED
15	A307-00041-0000	PLATE/BEARING ASSY.
16	A307-00036-0000	BRACKET & PLATE ASSY.
17	0017-00104-0014	PERIPHERY WASHER (4 REQ'D)
18	0017-00103-0018	1/4-20 HEX NUT (4 REQ'D)
19	0591-00702-0000	ROLLER SPRING
20	0017-00100-0015	5/32" E-RING
21	0307-00709-00XF	GEAR SHIFT ROD
22	0307-00702-00XF	PIVOT BUSHING
	A307-00039-0000	SHIFT & ROD ASSY. (ITEMS 21 & 22)
23		NOT USED
24	0010-00227-0000	TORSION SPRING

SPY HUNTER - ACCELERATOR PEDAL ASSY. SIT DOWN



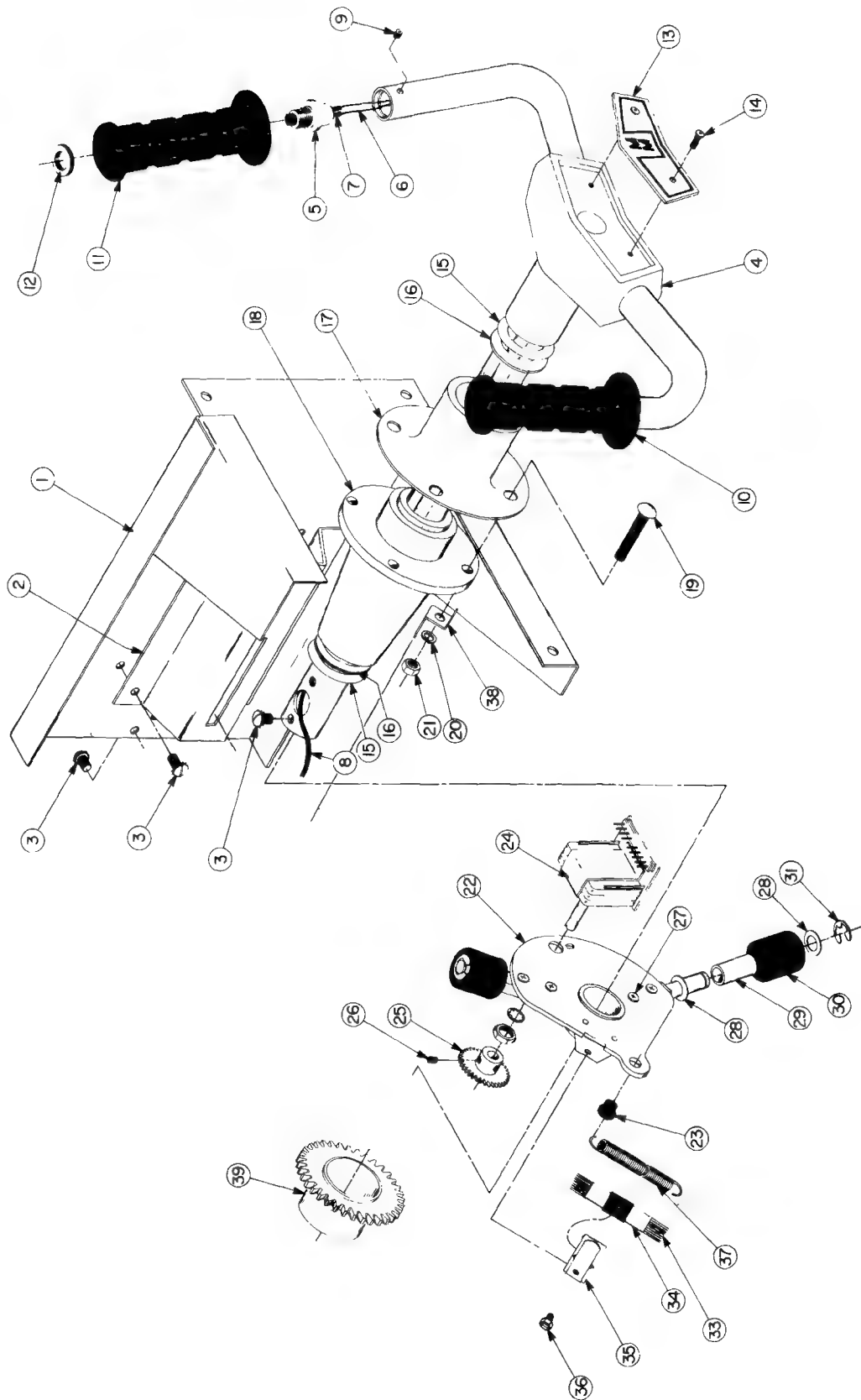
NOTE: DRAWING MAY DIFFER SLIGHTLY FROM ACTUAL ASSEMBLY

SPY HUNTER - ACCELERATOR PEDAL ASSY. SIT DOWN - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A307-00016-00XF	ACCELERATOR PEDAL & HINGE ASSY.
2	A307-00017-0000	MOUNTING BRKT. ASSEMBLY
3	105E-00004-0002	POT
4		NOT USED
5	0307-00708-0000	GEAR
	A307-00032-0000	POT & GEAR ASSY. (ITEMS 3 & 5)
6		NOT USED
7		NOT USED
8	0017-00101-0785	1/4-20X1/4 SLT PAN HD EXT. M.S.
9	0653-00734-0000	STOP-POT LIMIT
10	A307-00024-0000	GEAR & LEVER ASSY.
11	0010-00228-0000	PEDAL SPRING
12	0017-00100-0122	E-RING
13	0307-00703-00XF	POST-PIVOT
14	0017-00103-0081	#10-32 HEX NUT W/SEMS
15	0017-00101-0769	#10X3/4 SLT HEX HD W/WASHER M.S. (3 REQ'D)
16	0017-00101-0598	#8-32X5/16 SLT HEX HD M.S. (2 REQ'D)
	0921-00700-0000	PLASTIC ACTUATOR - (GEAR & LEVER ASSY. SHAFT)
	0307-00125-00XF	ACCEL. PEDAL & CONTROL MTG. BRKT. - (FLOOR PLATE)
	0307-00124-00XF	PLATE COVER - (WALL PLATE)

SPY HUNTER - STEERING CONTROL ASSY.



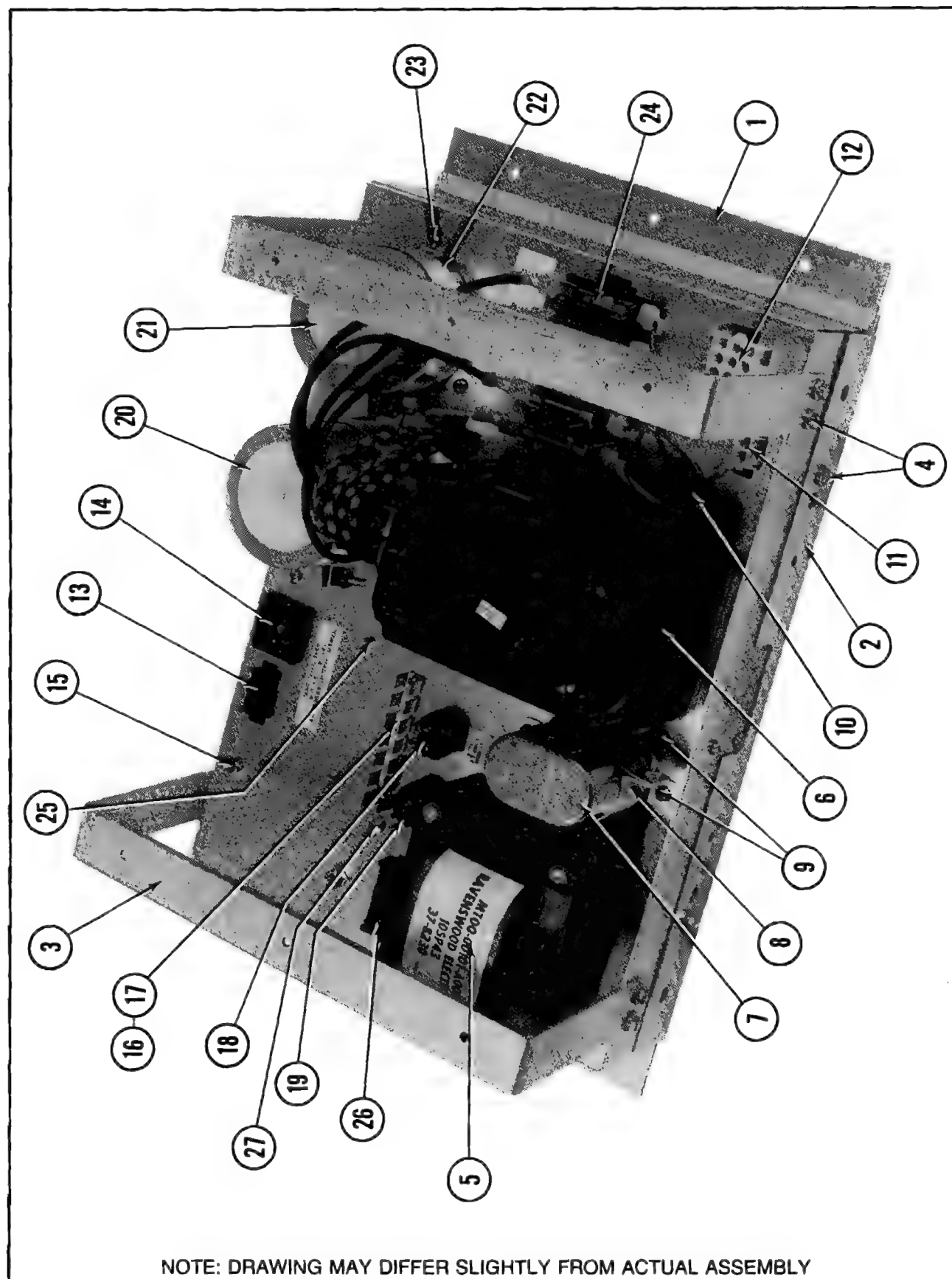
NOTE: DRAWING MAY DIFFER SLIGHTLY FROM ACTUAL ASSEMBLY

SPY HUNTER - STEERING CONTROL ASSY. - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A307-00023-0000	BASE & BRACE ASSY.
2	0307-00114-0000	STOP BRKT.
3	0017-00101-0179	#10-32X3/8 PHIL PAN HD. S.M.S. (4 REQ'D)
4	A307-00028-0000	BASE, TUBE & HANDLE ASSY.
5	0017-00032-0130	PUSH BUTTON SWITCH (2 REQ'D)
	0017-00032-0132	MICRO SWITCH (2 REQ'D)
	0307-00909-0000	RED BUTTON (2 REQ'D)
	0307-00123-01XF	SWITCH MTG. BRKT. - RIGHT
	0307-00123-02XF	SWITCH MTG. BRKT. - LEFT
	0307-00908-0000	TRIGGER (2 REQ'D)
6-9		NOT USED
10	A307-00013-0200	GRIP ASSY. - LEFT
11	A307-00013-0100	GRIP ASSY. - RIGHT
12		NOT USED
13	0307-00100-00XF	STEERING WHEEL BASE PLATE
	0017-00032-0129	ILLUMINATED R.P.B. SWITCH
14	0017-00101-0149	#10-32X3/8 BUT. HD. M.S. (2 REQ'D)
	0307-00910-0000	7" BELLOW (MOUNTED ON HANDLE TUBE) (2 REQ'D)
15	0017-00041-0617	RING - NEOPRENE (2 REQ'D)
16	0645-00913-0000	WASHER - FRICTION (2 REQ'D)
17	0645-00905-0000	SHROUD
18	A645-00012-0000	PEDESTAL ASSY.
19	0017-00102-0019	1/4-20X1-1/2 CARRIAGE BOLT (4 REQ'D)
20	0017-00104-0005	1/4 - SPLIT LOCK WASHER (4 REQ'D)
21	0017-00103-0019	1/4-20 LOCK NUT (4 REQ'D)
22	A307-00022-0000	STOP PLATE ASSY.
23	0017-00042-0624	SNAP BUSHING - 3/16" (4 REQ'D)
24	105E-00004-0002	POT
25	0307-00708-0000	GEAR
	A307-00032-0000	POT & GEAR ASSY. (ITEMS 24-26)
26	0017-00007-0065	ROLL PIN
27	0017-00101-0658	#10-32X5/8 PHIL PAN HD. M.S. (4 REQ'D)
28	0017-00104-0032	FLAT WASHER (4 REQ'D)
29	0645-00906-0000	BEARING (2 REQ'D)
30	0307-00914-0000	RUBBER BUMPER (2 REQ'D)
31	0017-00100-0031	E-RING - 5/16" (2 REQ'D)
32-36		NOT USED
37	0010-00275-0379	EXTENSION SPRING (2 REQ'D)
38		NOT USED
39	0307-00705-0000	42 TOOTH GEAR
	0307-00113-0000	POT MTG. BRKT.
	A307-00046-0000	PLATE & BEARING ASSY.

— POWER CHASSIS ASSY. — 125VA., 115V.

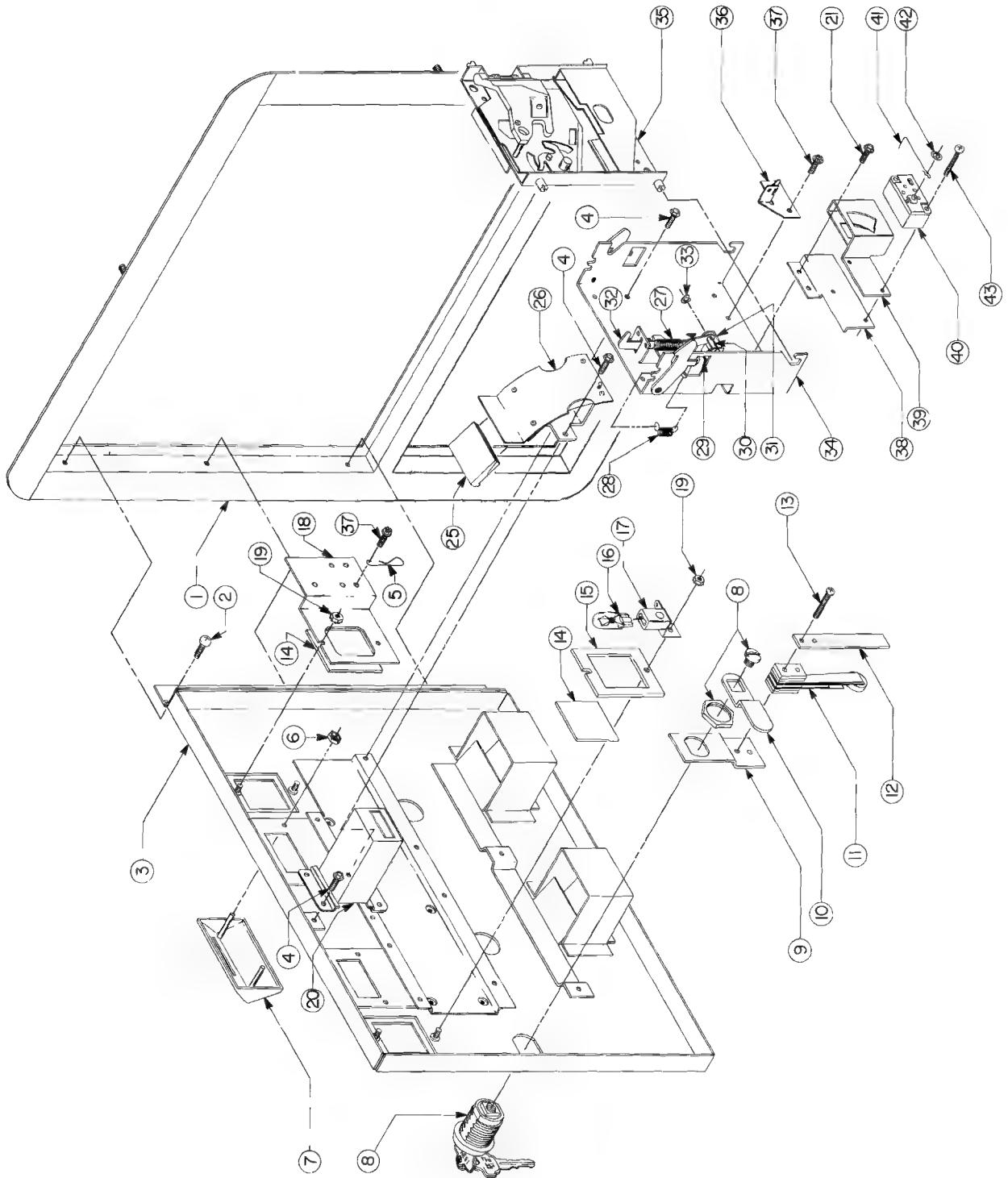


POWER CHASSIS ASSY.—125VA., 115V.—PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A945-00046-00XF	CHASSIS & PARTITION ASSY.
2	A945-00029-0100	MTG. PLATE & BARRIER ASSY.
3	0945-00107-01XF	STRAP (2 REQ'D.)
4	0017-00101-0123	#8 x 1/4 UNSLOT. HEX HD. SCR. (12 REQ'D.)
5	MT00-00101-A000	ISOLATION TRANSFORMER W/O SHIELD ASSY. — 115V., 50/60 HZ.
	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
6	MT00-00099-A000	POWER TRANSFORMER ASSY. — 115V., 60 HZ.
	0017-00103-0084	#6-32 HEX NUT W/SEMS (4 REQ'D.)
7	0175-181T4-GXJK	CAPACITOR — 3.5 M.F., 440V.
8	0017-00009-0535	CLAMP
	0017-00101-0565	#6-32 x 7/16 SLT. PAN HD. SCR.
	0017-00103-0084	#6-32 HEX NUT W/SEMS
9	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCR. (11 REQ'D.)
10	0945-00902-0000	SNAP BUSHING (3 REQ'D.)
11	0017-00021-0297	2 POSITION CONNECTOR
12	A945-00030-0100	CONNECTOR & CABLE ASSY. #1
13	A945-00030-0200	CONNECTOR & CABLE ASSY. #2
14	A945-00021-0000	CONVENIENCE OUTLET ASSY.
15	0017-00101-0573	#6-32 x 1/2 PHIL. RND. HD. SCR. (2 REQ'D.)
	0017-00103-0084	#6-32 HEX NUT W/SEMS (2 REQ'D.)
	A945-00025-0000	FILTER ASSEMBLY — 125V. — UNDER CHASSIS (NOT SEEN)
16	0017-00021-0510	TERMINAL STRIP
17	0017-00101-0140	#4-40 x 5/16 PHIL. PAN HD. SCR. (2 REQ'D.)
18	0017-00003-0263	SLO-BLO FUSE — 4A., 250V.
19	0017-00003-0005	FUSE — 2A., 250V.
	0017-00003-0444	QUICK CONN. FUSEHOLDER (2 REQ'D.) — FOR ABOVE FUSES
20	0945-00816-1902	CAPACITOR — 100,000 M.F.
21	0945-00816-1901	CAPACITOR — 55,000 M.F.
	0017-00104-0107	#10 FLAT WASHER (4 REQ'D.)
	0017-00103-0081	#10-32 HEX NUT W/SEMS (4 REQ'D.)
22	0017-00009-0422	CLAMP (2 REQ'D.)
	0017-00101-0758	#8-32 x 3/4 PHIL. RND. HD. SCREW (2 REQ'D.)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (2 REQ'D.)
23	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCR. (6 REQ'D.)
24	0945-00904-0000	5 POSITION FUSE HOLDER
	0017-00003-0263	SLO-BLO FUSE — 4A., 250V.
	0017-00003-0217	SLO-BLO FUSE — 2.5A., 250V. (2 REQ'D.)
	0017-00003-0007	SLO-BLO FUSE — 3A., 250V. (2 REQ'D.)
	0945-00903-0000	FUSE HOLDER BARRIER
	A945-00022-0000	HEATSINK & DIODE ASSY.
	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCR. (2 REQ'D.)
25	0017-00101-0780	#6 x 1/2 PHIL. PAN HD. SCREW (2 REQ'D.)
	0017-00021-0629	5 POSITION TERMINAL STRIP — (UNDER CHASSIS)
	A945-00019-0000	LINE CORD ASSY. — 115V. (NOT SHOWN)
26	A945-00030-0500	CONNECTOR & CABLE ASSY.
27	0017-00101-0660	#10-32 x 3/4 PAN HD. SCREW
	0017-00104-0107	#10 FLAT WASHER
	0017-00103-0081	#10-32 HEX NUT W/SEMS

FRONT DOOR ASSEMBLY - U.S.A. 50¢



NOTE: DRAWING MAY DIFFER SLIGHTLY FROM ACTUAL ASSEMBLY

FRONT DOOR ASSEMBLY - U.S.A. 50¢ - PARTS LIST

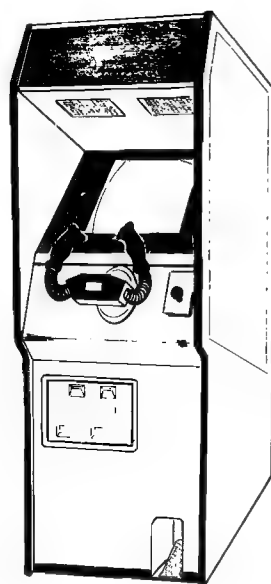
ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A090-00603-00XF	DOUBLE ENTRY COIN DOOR FRAME
2	0017-00101-0121	#6-32x5/16 PHIL. TRS. HD. SCR. (3 REQ'D)
3	A090-00073-02BK	DOUBLE ENTRY COIN DOOR W/DRESS PLATE
4	0017-00101-0123	#8x1/4 UNSLOT HEX HD. SCREW (12 REQ'D)
5	0017-00007-0019	KEY HOOK
6	0017-00103-0059	PUSH NUT (4 REQ'D)
7	0090-00912-0000	COIN ENTRY PLATE - 25¢ (2 REQ'D)
8	A097-00005-0000	DOOR LOCK & KEY W/SCREW & NUT (OR)
	A097-00006-0000	DOOR LOCK & KEY W/SCREW & NUT
9	0090-00128-00XF	DOOR TILT SWITCH BRKT.
10	0017-00005-0041	DOOR CAM
11	A090-00095-0000	DOOR TILT SWITCH
12	0090-00126-03XF	SWITCH BACK-UP PLATE
13	0017-00101-0525	#5-40x9/16" PHIL. HD. M.S. (2 REQ'D)
	A090-00096-0000	DOOR TILT SWITCH & BRKT. ASSY. (ITEMS 9 & 11 THRU 13)
14	0090-00903-4800	PLEXI PLATE 2x25 CENT 1 PLAY (2 REQ'D)
15	0090-00143-00XF	COIN PLEX RETAINER
16	0017-00003-0219	12 VOLT LAMP - G.E. #194 (2 REQ'D)
17	0017-00031-0048	WEDGE SOCKET W/BRKT. (2 REQ'D)
18	A090-00100-0000	BRKT. ASSY.
19	0017-00103-0084	#6-32 HEX NUT W/SEMS (4 REQ'D)
20	A090-00089-0000	COIN METER W/DIODE
21	0017-00101-0124	#6x1/4 UNSLOT HEX HD. SCR. (4 REQ'D)
25	0090-00911-0000	INSULATOR (2 REQ'D)
26	A090-00112-0000	COIN CHUTE & INSULATOR ASSY. (2 REQ'D)
27	0010-00134-0000	SPRING
28	0010-00181-0000	SPRING
29	0017-00007-0083	1/8x1-5/8 ROLL PIN
30	0090-00129-00XF	PIVOT POST
31	0090-00167-00XF	PIVOT LEVER
32	0090-00182-00XF	REJECT LEVER
33	0017-00100-0018	E-RING
	A090-00088-0000	REJECT LEVER ASSY. (2 REQ'D) (ITEMS 30 THRU 33)
34	A090-00117-0000	COIN ACCEPTOR FRAME ASSY. (2 REQ'D)
35	0017-00005-0003	COIN ACCEPTOR W/STRING CUTTER (2 REQ'D) (OR)
	0017-00005-0211	COIN ACCEPTOR W/ANTI STRING DEVICE (2 REQ'D) (OR)
	0017-00005-0214	COIN ACCEPTOR W/STRING CUTTER (2 REQ'D)
36	A090-00064-0000	ANTI-PENNY DEVICE
37	0017-00101-0099	#6x1/4 SLT. HEX HD. M.S. (2 REQ'D)
38	0090-00162-00XF	COIN SWITCH MTG. BRKT.
39	0017-00005-0203	COIN SWITCH CHUTE
40	0017-00005-0195	COIN SWITCH
41	0010-00599-0000	COIN SWITCH WIRE
42	0017-00007-0015	PUSH-ON RING
	A090-00059-0400	COIN SWITCH & WIRE ASSY. (ITEMS 40 THRU 42)
43	0017-00101-0147	#4-40x3/4 PHIL. PAN HD. M.S. (2 REQ'D)
	A090-00077-0000	COIN GUIDE & SWITCH ASSY. (ITEMS 38 THRU 43)

SPY HUNTER UPRIGHT

PARTS LIST

THAT ARE NOT INTERCHANGEABLE
WITH THE SIT DOWN MODEL



Bally

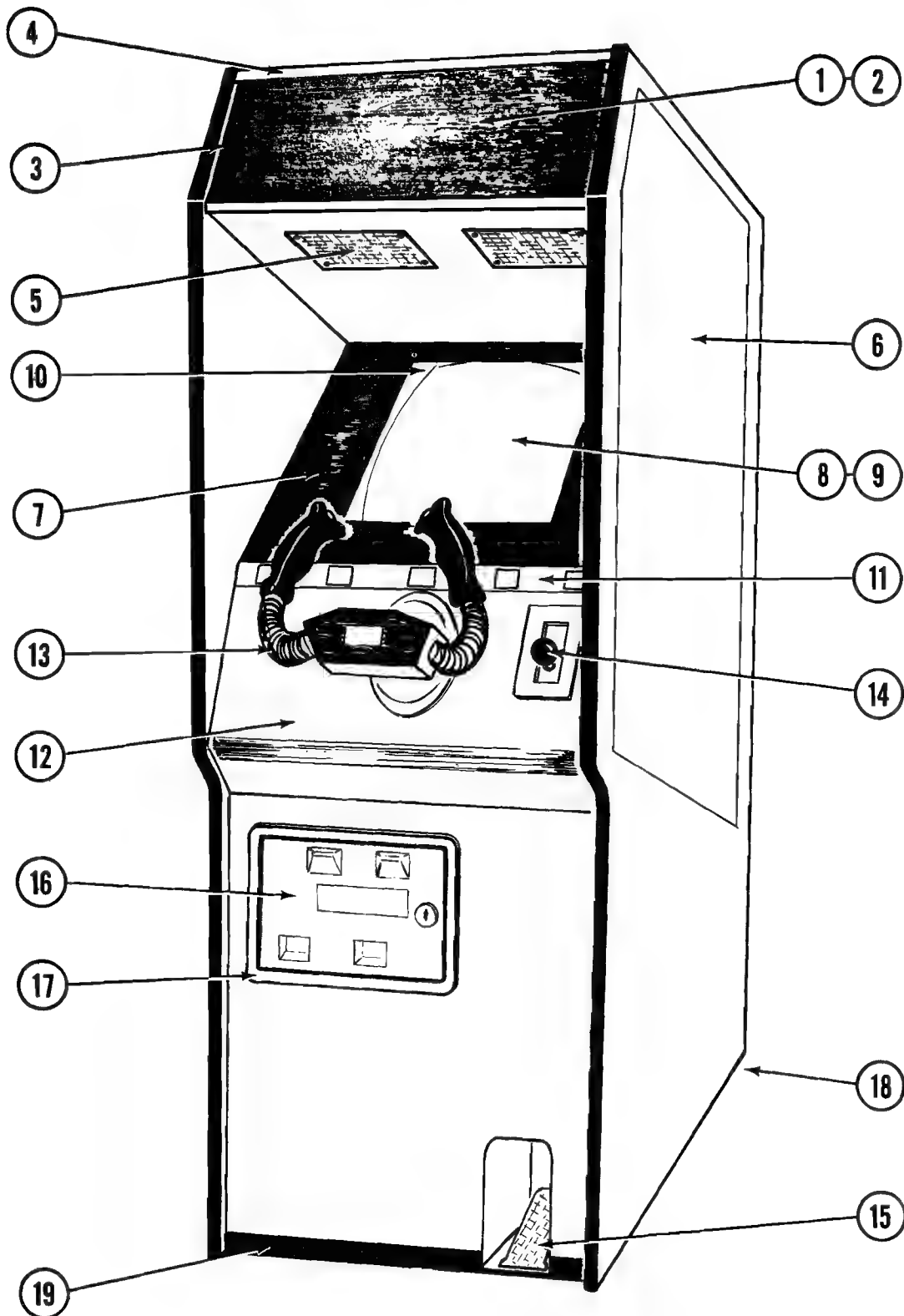
MIDWAY MFG. CO.

10601 W. Belmont Avenue
Franklin Park, Illinois 60131
U.S.A.



Phone: (312) 451-9200 Cable Address: MIDCO Telex No.: 72-1596

NO. 0A27 - SPY HUNTER UPRIGHT - FRONT



NOTE: DRAWING MAY DIFFER SLIGHTLY FROM ACTUAL ASSEMBLY

NO. 0A27 - SPY HUNTER UPRIGHT - FRONT PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0A27-00900-00XF	HEADER GLASS
2*	A595-00011-0000	HEADER LIGHT ASSY.
3	0537-00903-0052	GLASS CHANNEL - 8-1/2" LG (2 REQ'D)
4	0574-00903-0100	HEADER RETAINER BRKT. (2 REQ'D)
	0017-00101-0138	#8x5/8 TORX TAMPER PROOF SCREW (10 REQ'D)
	0017-00009-0522	LONG ARM KEY T-20 (FOR ABOVE SCREW)
5	0017-00003-0430	6"x9" SPEAKER - 4 OHM, 10W. (2 REQ'D)
	Q130-00002-0000	SPEAKER COVER (2 REQ'D)
	0017-00101-0127	#8-32x1-1/2" CARRIAGE BOLT (8 REQ'D)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (8 REQ'D)
6	0A27-00903-0000	DECAL (2 REQ'D)
7	0A27-00901-00XF	MAIN VIEWING GLASS
8	Q200-00019-0000	19" COLOR VERTICAL MONITOR
	A353-00023-0000	VERTICAL MONITOR MTG. BRKT. ASSY. (2 REQ'D)
	0555-00901-0000	PLASTIC LOCATING PIN (4 REQ'D)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (8 REQ'D)
9	0314-00902-0000	PLEXI-GLASS
	0508-00901-0000	PLEXI-GLASS MTG PLATE
	0017-00101-0017	#6x1/2 BLACK SLT. HEX HD. SCR. (4 REQ'D)
10	0307-00918-0000	T.V. BEZEL
	0508-00106-0000	BEZEL MTG. BRKT.
11	A307-00044-0000	LIGHT PANEL ASSY.
	0360-00935-0000	SMALL SHADOW BOX (5 REQ'D)
	0017-00003-0219	#194 WEDGE BASE LAMP -14V., .27A. (5 REQ'D)
	0017-00031-0030	WEDGE BASE LAMP SOCKET (5 REQ'D)
12	AA27-00014-0000	CONTROL PLATE & WELD STUDS ASSY.
	0307-00911-0000	DECORATIVE OVERLAY
	0307-00132-0100	CONTROL SHELF MTG. BRKT. - RIGHT
	0307-00132-0200	CONTROL SHELF MTG. BRKT. - LEFT
	0555-00901-0000	PLASTIC LOCATING PINS (4 REQ'D)
	0017-00009-0534	BASSICK CLAMP (2 REQ'D)
	0610-00132-00ZN	STRIKE (2 REQ'D)
	0017-00101-0141	#8x11/16 UNSLOT. HEX HD. SCREW (12 REQ'D)
	0307-00117-00XF	CONTROL SHELF HINGE
	A307-00005-0000	CONTROL SHELF CABLE ASSY.
13*	A307-00042-0000	CONTROL HANDLE ASSY.
14*	A307-00038-0000	GEAR SHIFT ASSY.
15	AA27-00018-0000	ACCELERATOR PEDAL ASSY.
	0A27-00105-00XF	ACCELERATOR BASE (FLOOR PLATE)
	0A27-00104-00XF	ACCELERATOR BOX COVER (WALL PLATE)
16	A982-00014-0000	COIN DOOR & CABLE ASSY. - U.S.A. 25¢
	A950-00004-0000	COIN BOX COVER
	A950-00006-0100	WIRE COIN BOX CRADLE ASSY.
	0950-00105-0000	COIN BOX COVER
	0950-00104-0000	COIN BOX HANDLE
	0950-00101-0000	COIN DEFLECTOR (2 REQ'D)
	0950-00900-0000	LARGE PLASTIC COIN BOX
	0950-00103-0000	COIN BOX DIVIDER - OPTIONAL

*SEE SIT DOWN CATALOG FOR ILLUSTRATED PARTS BREAK DOWN

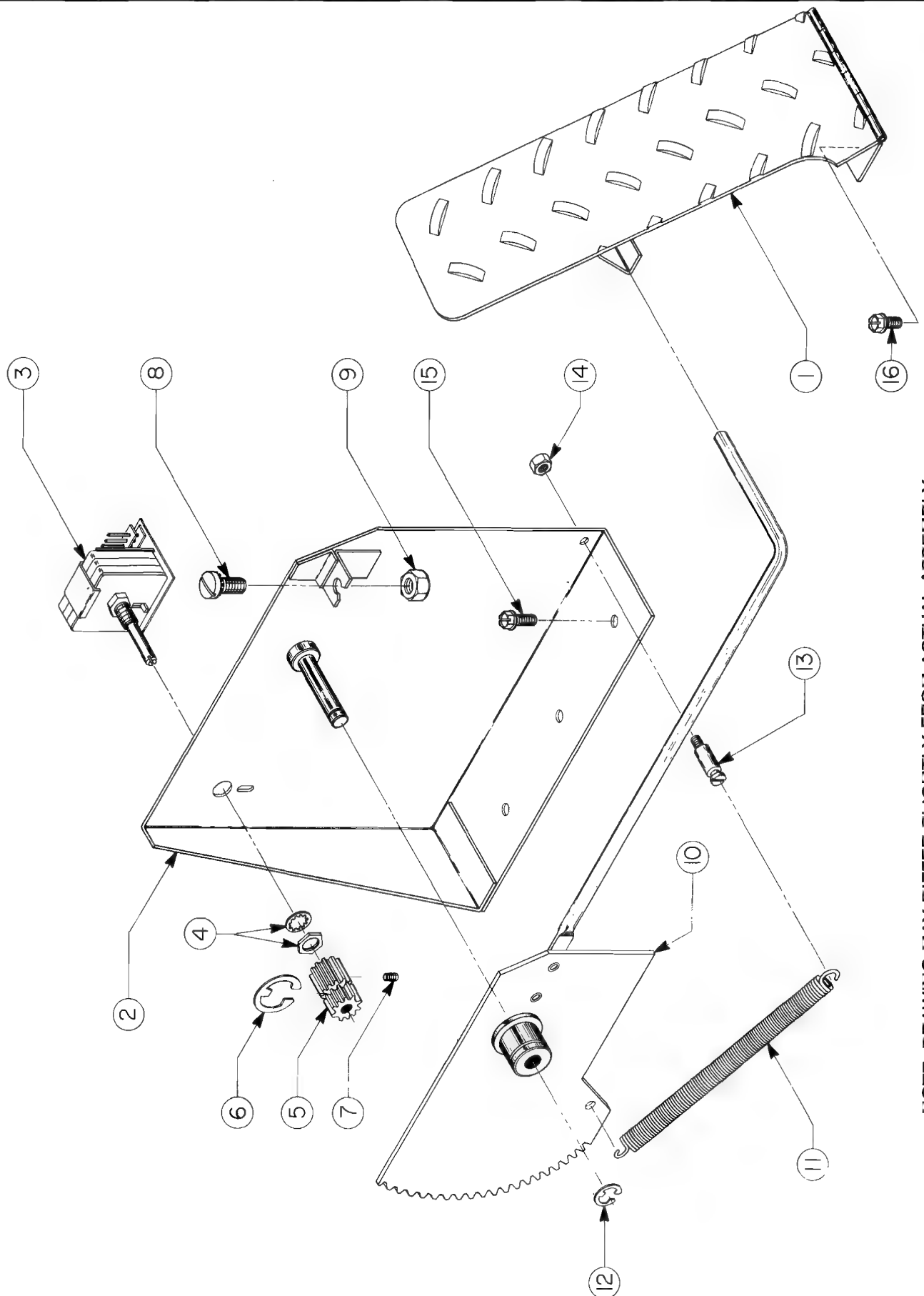
NO. 0A27 - SPY HUNTER UPRIGHT - FRONT PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
16	0017-00101-0142	1/4-20x1-3/8 BLACK RND. HD. BOLT (4 REQ'D)
	0017-00104-0014	7/8" DISH WASHER (4 REQ'D)
	0017-00103-0000	1/4-20 HEX NUT (4 REQ'D)
17	0090-00002-04BK	LARGE COIN DOOR FRAME
	0017-00101-0121	#6-32x5/16 PHIL. TRS. HD. SCR. (3 REQ'D)
18	0017-00102-0048	3/8-16x2" LEG LEVELERS (4 REQ'D)
	0017-00103-0026	3/8-16 LEG LEVELER HEX NUTS (4 REQ'D)
19	0A27-00108-00XF	BOTTOM TRIM PLATE
	0017-00101-0138	#8x5/8 TORX TAMPER PROOF SCREW (5 REQ'D)
	0017-00101-0179	#10-32x3/8 TORX PHIL. PAN HD. SCREW (2 REQ'D)
ADDITIONAL PARTS LIST		
	AA27-00012-0000	CARD RACK SUPPORT BRKT. ASSY.
	AA27-00007-0000	CARD RACK ASSY. W/BOARDS
	A084-90913-AA27	SOUND I/O P.C. BOARD ASSY.
	A307-00025-0000	SHIELD & BARRIER ASSY.
	0017-00101-0339	#6-32x3/8 PHIL. RND. SCREW (4 REQ'D)
	A084-91442-AA27	C.P.U. MCR-3 P.C. BRD. ASSY.
	A307-00026-0000	SHIELD ASSY. - INNER
	A084-91433-AA27	VIDEO GEN. MCR-3 P.C. BRD. ASSY.
	A307-00027-0000	SHIELD ASSY. - OUTER
	0017-00101-0153	#6-31x1" PHIL. RND. HD. SCREW (8 REQ'D)
	A088-00016-0000	INTERLOCK SWITCH & SPRING BRKT. ASSY.
	0303-00904-0000	INTERLOCK SWITCH COVER
	A945-00038-0000	ON-OFF SWITCH & PLATE ASSY.
	A307-00034-0000	MULTIFUNCTION SWITCH/BRKT. ASSY.
*	A945-00020-0000	POWER CHASSIS ASSY. -125VA., 115V
	A945-00019-0000	LINE CORD ASSY. -115V
	A084-91648-A000	DUAL POWER AMP W/MIXER ASSY.
	A307-00047-0000	ABSOLUTE POSITION BRD. W/SPACER ASSY.
	A307-00048-0000	LAMP DIVER P.C.B. W/ SPACER ASSY.
	A307-00049-0000	CHEAP SQUEAK & SPACER P.C. ASSY.
	A084-90412-D000	POWER SUPPLY -125VA
	0624-00902-0100	P.C. SUPPORT BRKT. - 12" LG. (2 REQ'D)
	0624-00902-0500	P.C. SUPPORT BRKT. - 6-1/2" LG. (2 REQ'D)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. SCREW (10 REQ'D)
	0017-00104-0037	#8 FLAT WASHER (10 REQ'D)
	0894-00916-0000	PLASTIC PULL & VENT (2 REQ'D)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. SCREW (8 REQ'D)
	A961-00007-0000	CASTER ASSY.
	0017-00005-0201	BACK DOOR LOCK & KEY
	0017-00009-0490	5-5/8" SQR. VENT GRILLE (4 REQ'D)

*SEE SIT DOWN CATALOG FOR ILLUSTRATED PARTS BREAK DOWN

NO. 0A27 - SPY HUNTER UPRIGHT - ACCELERATOR PEDAL ASSY.

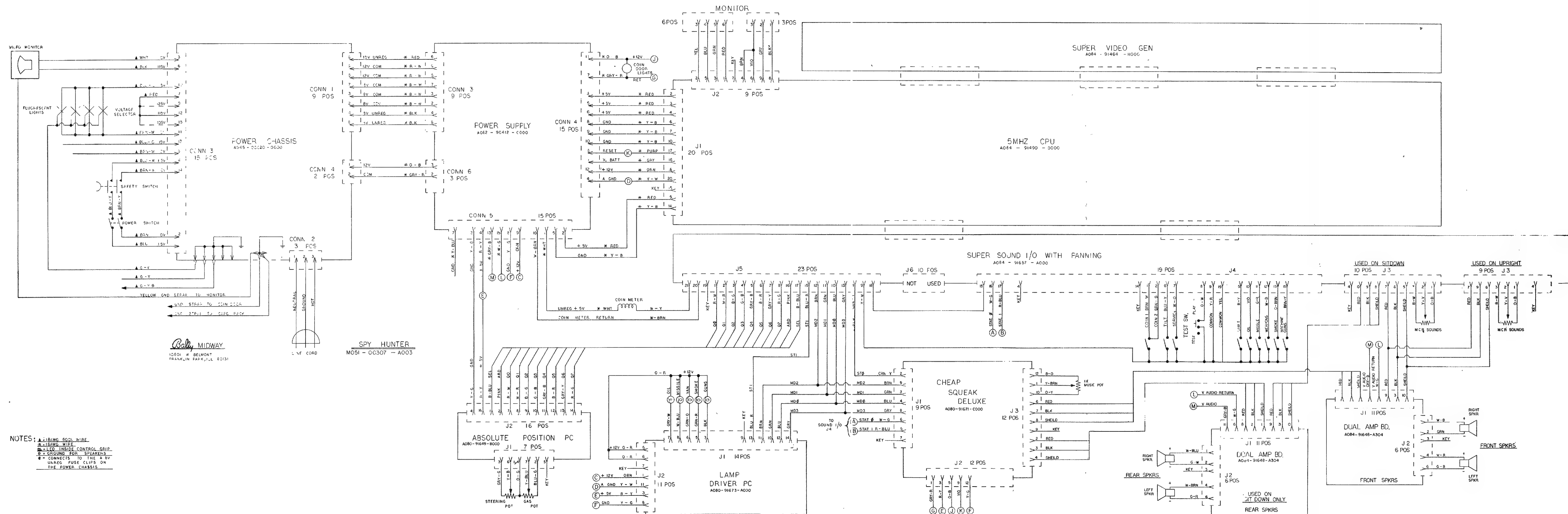


NOTE: DRAWING MAY DIFFER SLIGHTLY FROM ACTUAL ASSEMBLY

NO. 0A27 - SPY HUNTER UPRIGHT - ACCELERATOR PEDAL ASSY. - PARTS LIST

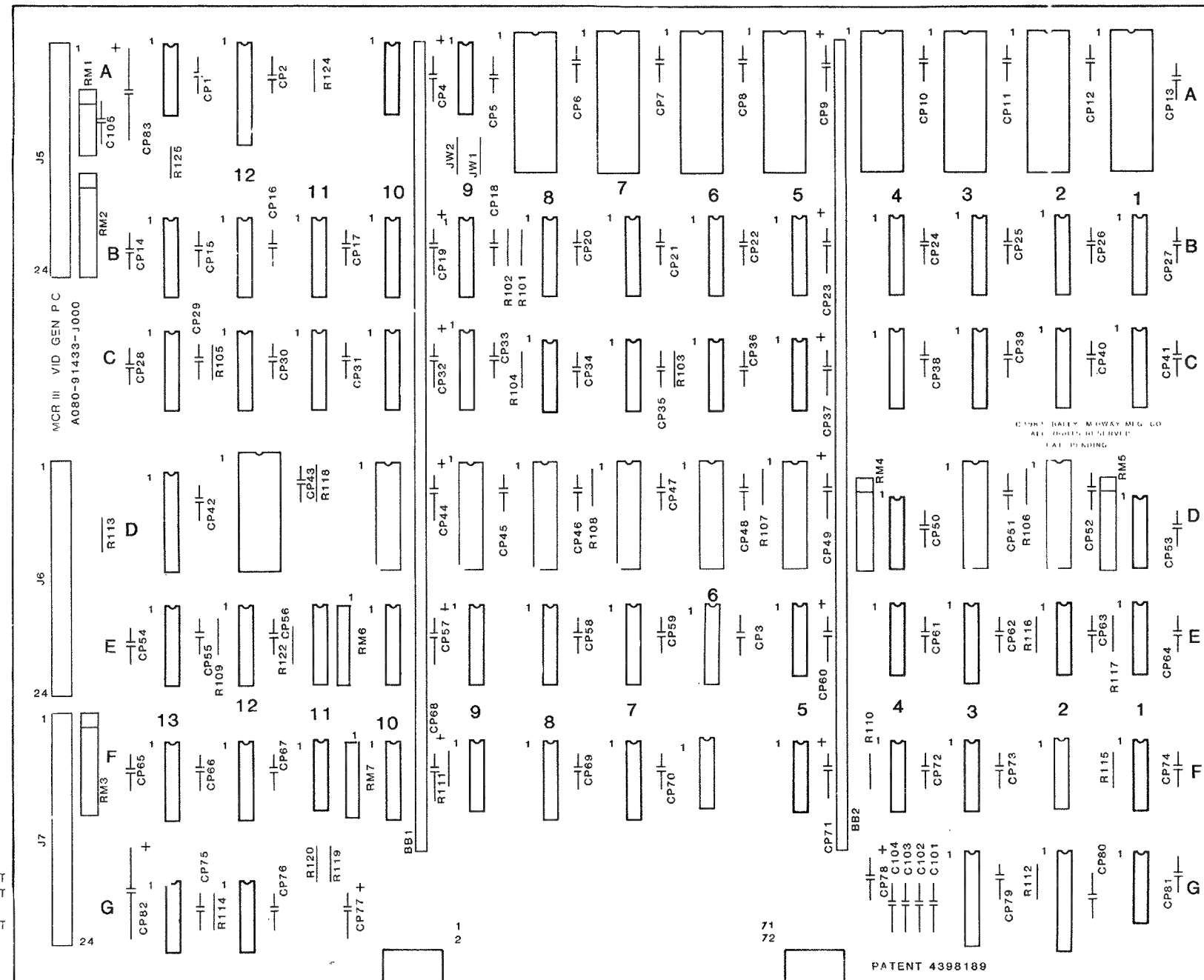
ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	AA27-00019-0000	ACCELERATOR PEDAL & HINGE ASSY.
2	AA27-00015-0000	STUD & ACCEL. STOP BRKT. ASSY.
3	105E-00004-0002	POT
4		NOT USED
5	0A27-00701-00XF	GEAR - 16/32
	AA27-00017-0000	POT & GEAR ASSY. (ITEMS 3 & 5)
6	0017-00100-0031	5/16" E-RING
7		NOT USED
8	0017-00102-0002	1/4-20x1/2 SLT. HEX HD. M.S.
9	0653-00734-0000	STOP - POT LIMIT
10	AA27-00016-0000	ACCELERATOR LEVER & GEAR ASSY.
11	0010-00280-0000	ACCEL. PEDAL SPRING
12	0017-00100-0122	1/4" E-RING
13	0307-00703-00XF	PIVOT POST
14	0017-00103-0081	#10-32 HEX NUT W/SEMS
15 & 16	0017-00101-0598	#8-32x5/16 SLT.HEX HD. M.S. (11 REQ'D)
 ADDITIONAL PARTS LIST 		
	0A27-00105-00XF	ACCELERATOR BASE (FLOOR PLATE)
	0A27-00104-00XF	ACCELERATOR BOX COVER (WALL PLATE)
	0A27-00107-00XF	ACCELERATOR LEVER STOP PLATE
	0921-00700-0000	PLASTIC ACTUATOR (GEAR & LEVER ASSY. - SHAFT)



DESIGNATION LIST

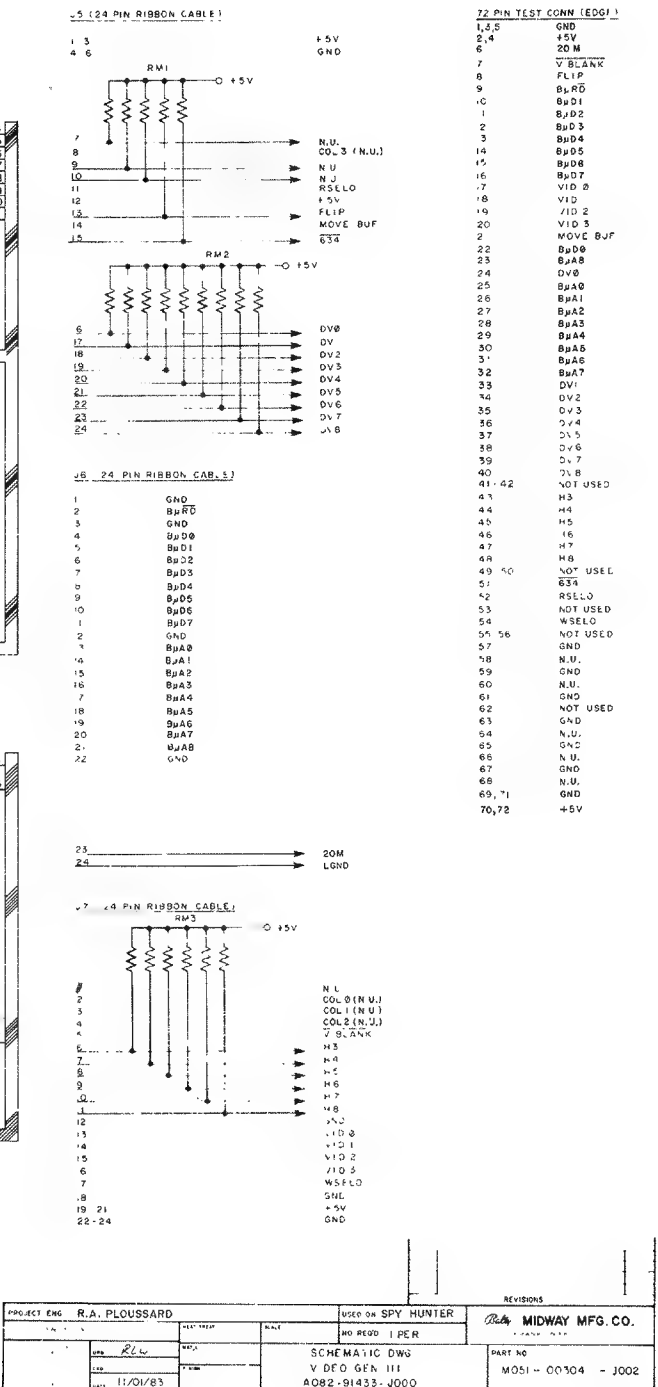
DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION
C101-C104	CAP 100 PF AX CER	4C	74LS258
C105	CAP .01 MF AX CER	5C	74LS00
		6C	74LS04
CP1-CP3	.01 MF AX CER	7C	74LS74
CP4	10 MF 25V AX TANT	8C	74LS30
CP5-CP8	.01 MF AX CER	9C	74LS169
CP9	10 MF 25V AX TANT	10C	74LS169
CP10-CP18	.01 MF AX CER	11C	74LS169
CP19	10 MF 25V AX TANT	12C	74LS169
CP20-CP22	.01 MF AX CER	13C	74LS133
CP23	10 MF 25V AX TANT		
CP24-CP31	.01 MF AX CER	1D	7420
CP32	10 MF 25V AX TANT	2D	93422
CP33-CP36	.01 MF AX CER	3D	93422
CP37	10 MF 25V AX TANT	4D	7420
CP38-CP43	.01 MF AX CER	5D	93422
CP44	10 MF 25V AX TANT	6D	93422
CP45-CP48	.01 MF AX CER	7D	93422
CP49	10 MF 25V AX TANT	8D	93422
CP50-CP56	.01 MF AX CER	9D	93422
CP57	10 MF 25V AX TANT	10D	93422
CP58,CP59	.01 MF AX CER	12D	STAT RAM
CP60	10 MF 25V AX TANT	13D	74LS245
CP61-CP67	.01 MF AX CER		
CP68	10 MF 25V AX TANT	1E	74LS74
CP69,CP70	.01 MF AX CER	2E	74LS74
CP71	10 MF 25V AX TANT	3E	74LS157
CP72-CP76	.01 MF AX CER	4E	74S00
CP77,CP78	10 MF 25V AX TANT	5E	74LS32
CP79-CP81	.01 MF AX CER	6E	74LS174
CP82,CP83	100 MF AX ELECT	7E	74LS283
		8E	74LS175
R101-R118	1K OHM 1/4W	9E	74LS157
R119,R120	560 OHM 1/4W	10E	74LS157
R122,R124	1K OHM 1/4W	11E	74LS161
R125	100 OHM 1/4W	12E	74LS157
		13E	74LS157
RM1	1K 6 PIN SIP	1F	74S74
RM2,RM3	1K 10 PIN SIP	2F	74S86
RM4,RM5	1K 9 PIN SIP	3F	74S08
RM6,RM7	82 OHM 8 PIN SIP	4F	74LS30
1A	EPROM VG-A	5F	74LS30
2A	EPROM VG-B	6F	7420
3A	EPROM VG-C	7F	74LS283
4A	EPROM VG-D	8F	74LS174
5A	EPROM VG-E	9F	74LS10
6A	EPROM VG-F	10F	74LS157
7A	EPROM VG-G	11F	74S04
8A	EPROM VG-H	12F	74LS157
9A	74LS86	13F	74LS157
10A	74LS86		
12A	74LS273	1G	74LS32
13A	74S04	2G	74LS273
		3G	74LS240
1B	74LS194	12G	7420
2B	74LS194	13G	74LS74
3B	74LS194		
4B	74LS194	ICS 1A-8A	28 PIN IC SOCKET
5B	74LS194	ICS 2D,3D,5D-	22 PIN IC SOCKET
6B	74LS194	100	
7B	74LS194	ICS 12D	24 PIN IC SOCKET
8B	74LS194		
9B	74LS161	J5-J7	KK 100 24 PIN
10B	74LS174		RT ANGLE
11B	74LS174		
12B	74S283	JW1,JW2	JUMPER WIRE
13B	74S283		
1C	74LS258		
2C	74LS258	BB1,BB2	BUSS BAR
3C	74LS258		



CROSS REFERENCE LIST

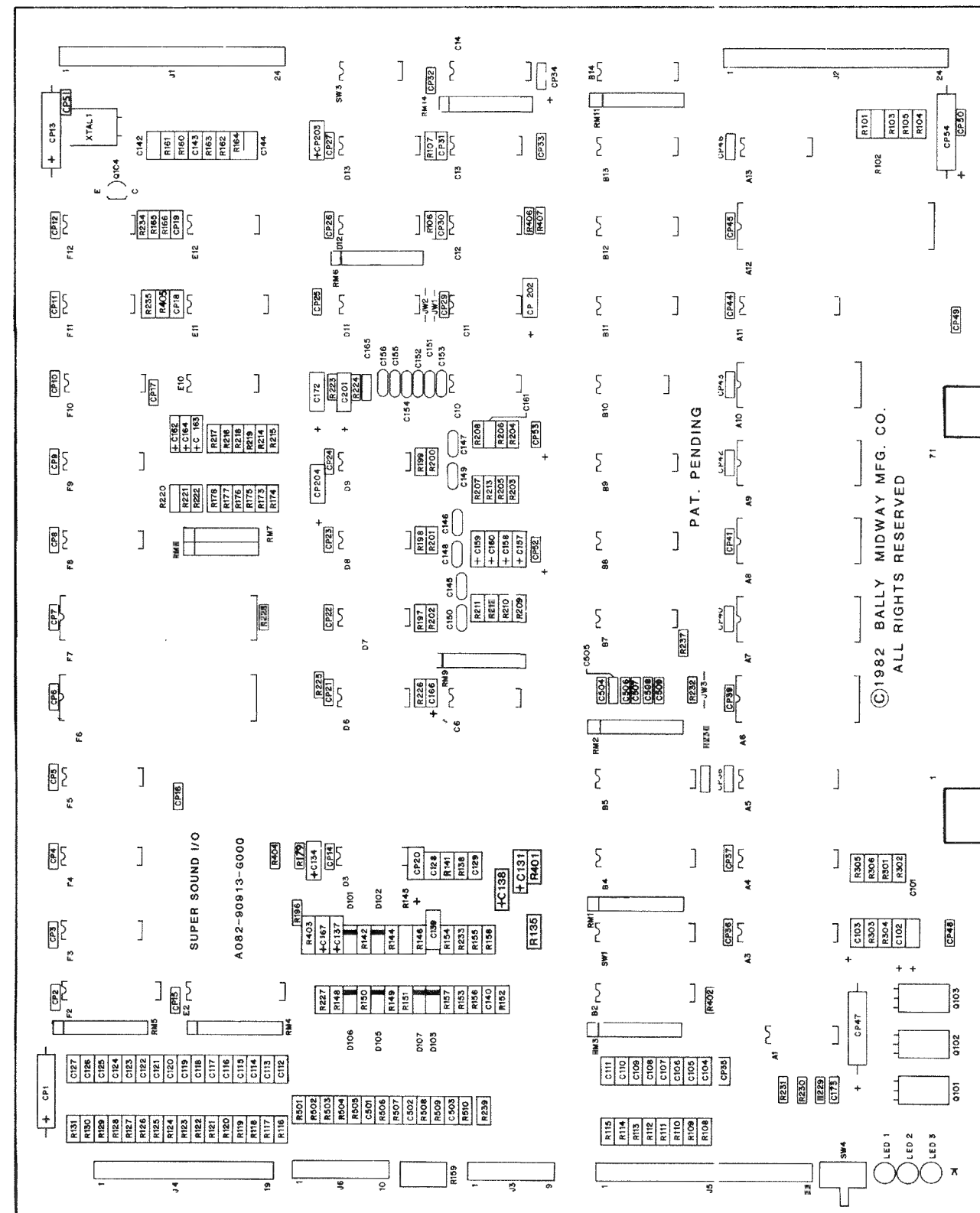
DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
.01 MF AX CER	68	CP1-CP3, CP5-CP8, CP10-CP18, CP20-CP22, CP24-CP31, CP33-CP36, CP38-CP43, CP45-CP48, CP50-CP56, CP58, CP59, CP61-CP67, CP69, CP70, CP72-CP76, CP79-CP81, C105	0986-00800-2500	STAT RAM	1	12D	0304-00803-0034
				93422	8	2D,3D,5D-10D	0986-00803-1010
				22 PIN IC SOCKET	8	ICS 2D,3D,5D-10D	0986-00804-0700
				24 PIN IC SOCKET	1	ICS 12D	0986-00804-1600
				28 PIN IC SOCKET	8	ICS 1A-8A	0986-00804-0300
				KK 100 24 PIN RT ANGLE	3	J5-J7	0986-00804-4700
10 MF 25V AX TANT	14	CP4, CP9, CP19, CP23, CP32, CP37, CP44, CP49, CP57, CP60, CP68, CP71, CP77, CP78	0986-00800-2400	JUMPER WIRE	2	JW1,JW2	0986-00805-0200
				BUSS BAR	2	BB1,BB2	0986-00804-0900
CAP 100 MF	2	CP82,CP83	0986-00800-1800				
CAP 100 PF	4	C101-C104	0986-00800-1000				
100 OHM RES	1	R125	100E-00005-0033				
560 OHM RES	2	R119,R120	100E-00005-0054				
1K OHM RES	20	R101-R118,R122,R124	100E-00005-0061				
82 OHM 8 PIN SIP	2	RM6, RM7	102E-00004-0035				
1K OHM 6 PIN SIP	1	RM1	102E-00004-0009				
1K OHM 9 PIN SIP	2	RM4, RM5	102E-00004-0011				
1K OHM 10 PIN SIP	2	RM2, RM3	102E-00004-0013				
74LS00	1	5C	0304-00803-0009				
74S00	1	4E	0304-00803-0045				
74LS04	1	6C	0986-00803-1007				
74S04	2	13A, 11F	0986-00803-3100				
74S08	1	3F	0304-00803-0037				
74LS10	1	9F	0304-00803-0008				
7420	4	1D,4D,6F,12G	0304-00803-0006				
74LS30	3	8C,4F,5F	0304-00803-0016				
74LS32	2	5E,1G	0986-00803-0600				
74LS74	4	7C,1E,2E,13G	0986-00803-1005				
74S74	1	1F	0986-00803-1500				
74LS86	2	9A,10A	0986-00803-4200				
74S86	1	2F	0304-00803-0049				
74S133	1	13C	0304-00803-0002				
74LS157	7	9E,10E,12E,13E,10F,12F,13F	0986-00803-2400				
74S157	1	3F	0304-00803-0044				
74LS161	1	9B	0986-00803-1003				
74S161	1	11E	0304-00803-0038				
74LS169	4	9C-12C	0304-00803-0001				
74LS174	4	10B,11B,6E,8F	0986-00803-9800				
74LS175	1	8E	0304-00803-0007				
74LS194	8	1B-8B	0986-00803-2900				
74LS240	1	3G	0304-00803-0050				
74LS245	1	13D	0986-00803-3000				
74LS258	4	1C-4C	0304-00803-0004				
74LS273	2	12A,2G	0986-00803-3801				
74LS283	2	7E,7F	0986-00803-3900				
74S283	2	12B,13B	0304-00803-0039				
EPROM VG-A	1	8A	0A27-00803-0016				
EPROM VG-B	1	7A	0A27-00803-0017				
EPROM VG-C	1	6A	0A27-00803-0018				
EPROM VG-D	1	5A	0A27-00803-0019				
EPROM VG-E	1	4A	0A27-00803-0020				
EPROM VG-F	1	3A	0A27-00803-0021				
EPROM VG-G	1	2A	0A27-00803-0022				
EPROM VG-H	1	1A	0A27-00803-0023				

PROJECT ENG: R.A. PLOUSSARD		USED ON SPY HUNTER		REVISIONS	
DO NOT SCALE DWG		HEAT TREAT	SCALE FULL	NO. REQ'D	I PER
DIM TOLERANCES UNLESS SPECIFIED		MATERIAL		Bally / MIDWAY MFG. CO. FRANKLIN PK. ILL.	
CONSISTENCY TYPING: FRACTIONAL, DECIMAL, POLY D.A. + 0.02, 0.00		FINISH		PART NO. M051 - 00304 - J001	
DATE 10/31/83		MCR III VIDEO GEN. P.C. ASSEMBLY DWG. A080-91433-J000			



DESIGNATION LIST

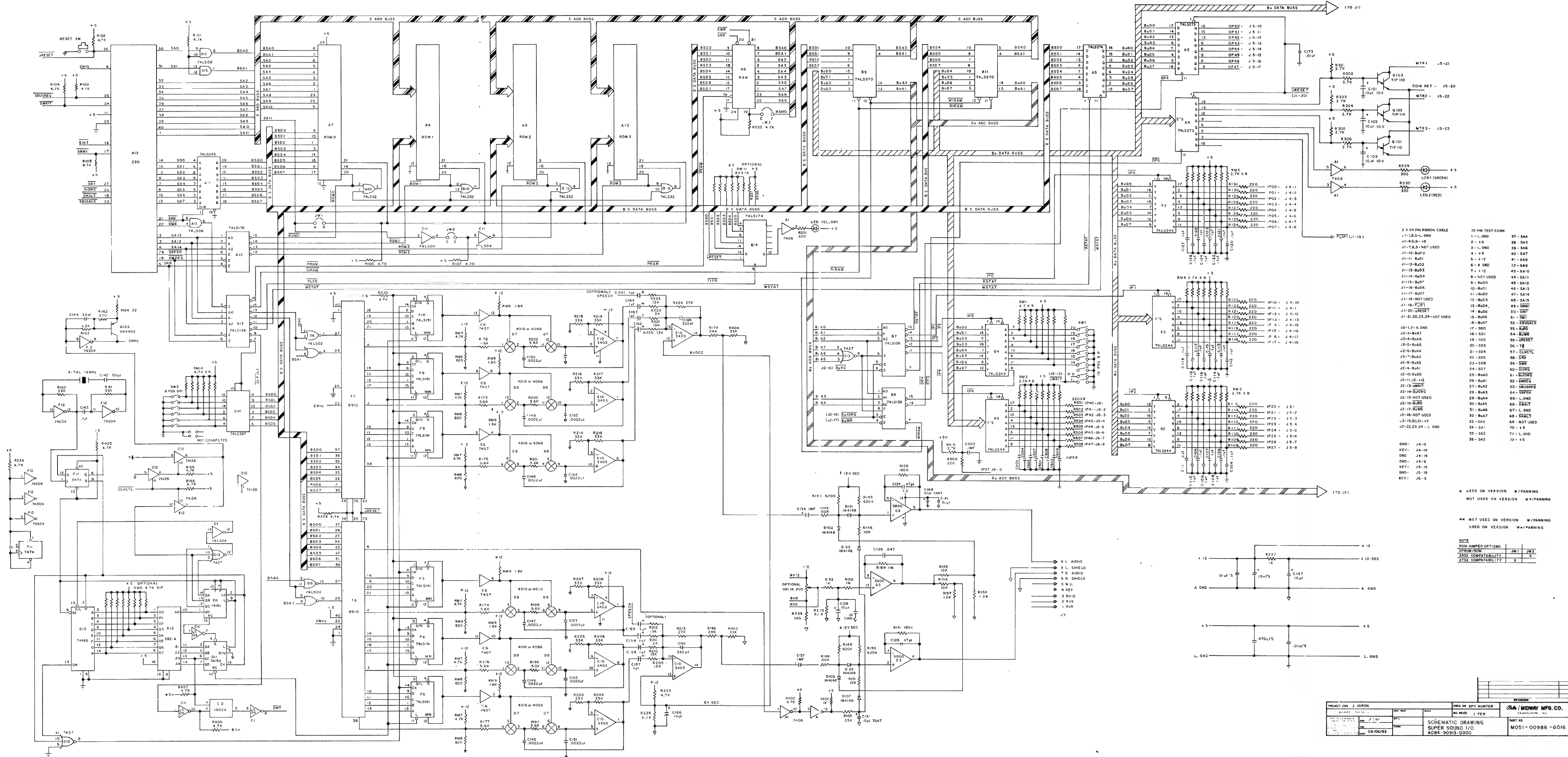
DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION
C101-C103	10 MF 25V AX. TANT.	R152	1MEG. OHM 1/4W 5X CRBN.	D101-D103	1N4148
C104-C127	.1 MF 50V AX. CER.	R153	1K OHM 1/4W 5X CRBN.	D105-D107	1N4148
C128, C129	.47 PF 50V AX. CER.	R154	1MEG. OHM 1/4W 5X CRBN.	Q101-Q103	11P110
C131	10 MF 25V AX. TANT.	R155, R156	10K OHM 1/4W 5X CRBN.	Q104	2N4403
C134-C137	1 MF 20V AX. TANT.	R157, R158	1.2K OHM 1/4W 5X CRBN.	IC1A	7406
C138	10 MF 25V AX. TANT.	R162	220 OHM 1/4W 5X CRBN.	IC3A, 4A	74LS273
C139	.047 MF 100V MYLAR	R160, R161	330 OHM 1/4W 5X CRBN.	IC5A	74LS374
C140	.01 MF 50V AX. CER.	R162	220 OHM 1/4W 5X CRBN.	IC6A	1K X 8 RAM
C142	100 PF 50V AX. CER.	R163	1.2K OHM 1/4W 5X CRBN.	IC7A	ROM/EPROM 0
C143	.1 MF 50V AX. CER.	R164	22 OHM 1/4W 5X CRBN.	IC8A	ROM/EPROM 1
C144	33 PF 50V AX. CER.	R165, R166	4.7K OHM 1/4W 5X CRBN.	IC9A	ROM/EPROM 2
C145-C153	.0022 MF 100V 10% MYLAR	R173-R178	5.6K OHM 1/4W 5X CRBN.	IC10A	ROM/EPROM 3
C157-C159	1 MF 20V AX. TANT.	R179	24K OHM 1/4W 5X CRBN.	IC11A	74LS245
C161	330 PF 50V AX. CER.	R196	24K OHM 1/4W 5X CRBN.	IC12A	74LS138
C162-C164	1 MF 20V AX. TANT.	R197-R202	5.6K OHM 1/4W 5X CRBN.	IC13A	74LS670
C165	330 PF 50V AX. CER.	R203-R208	33K OHM 1/4W 5X CRBN.	IC14C	74LS32
C166, C167	10 MF 25V AX. TANT.	R209-R211	13K OHM 1/4W 5X CRBN.	IC15B	74LS174
C172	10 MF 25V AX. TANT.	R213	27K OHM 1/4W 5X CRBN.	IC16C	7407
C173	.01 MF 50V AX. CER.	R214-R219	33K OHM 1/4W 5X CRBN.	IC10C	MC3403
C501-C502	.1 MF 50V AX. CER.	R220-R222	13K OHM 1/4W 5X CRBN.	IC12C	74LS04
CP1	470 MF 16V AX. ELECT.	R224	27K OHM 1/4W 5X CRBN.	IC13C	MC14024
CP2-CP12	.01 MF 50V AX. CER.	R225, R226	4.7K OHM 1/4W 5X CRBN.	IC14C	74LS367
CP13	470 MF 16V AX. ELECT.	R227	1K OHM 1/4W 5X CRBN.	IC3D	LM3900
CP14-CP19	.01 MF 50V AX. CER.	R228	4.7K OHM 1/4W 5X CRBN.	IC6D	74LS02
CP20	10 MF 25V AX. TANT.	R231	300 OHM 1/4W 5X CRBN.	IC7D-9D	MC14016
CP21-CP27	.01 MF 50V AX. CER.	R232	4.7K OHM 1/4W 5X CRBN.	IC11D	74190
CP29-CP33	.01 MF 50V AX. CER.	R233	3K OHM 1/4W 5X CRBN.	IC12D	PROMSB2A
CP34	10 MF 25V AX. TANT.	R234, R235	4.7K OHM 1/4W 5X CRBN.	IC13D	74LS244
CP35-CP46	.01 MF 50V AX. CER.	R239	100 OHM 1/4W 5X CRBN.	IC10E	MC3403
CP47	470 MF 16V AX. ELECT.	R301-R306	2.7K OHM 1/4W 5X CRBN.	IC11E	74161
CP52, CP53	10 MF 25V AX. TANT.	R401	1K OHM 1/4W 5X CRBN.	IC12E	74126
CP54	470 MF 16V AX. ELECT.	R402	4.7K OHM 1/4W 5X CRBN.	IC2F	74LS244
CP202-CP274	10 MF 25V AX. TANT.	R403, R404	33K OHM 1/4W 5X CRBN.	IC3F-5F	74LS191
R101-R107	4.7K OHM 1/4W 5X CRBN.	R405-R407	4.7K OHM 1/4W 5X CRBN.	IC6F, 7F	AY-3-8910
R108-R131	220 OHM 1/4W 5X CRBN.	R501-R509	220 OHM 1/4W 5X CRBN.	IC8F-10F	74LS191
R135	33K OHM 1/4W 5X CRBN.	R510	2.7K OHM 1/4W 5X CRBN.	IC11F	7474
R138, R141	180K OHM 1/4W 5X CRBN.			IC12F	74S04
R142	100K OHM 1/4W 5X CRBN.			IC56A-ICS10A	24 PIN IC SOCKET
R144, R145	620K OHM 1/4W 5X CRBN.			IC512A	40 PIN IC SOCKET
R146	10K OHM 1/4W 5X CRBN.			IC512D	16 PIN IC SOCKET
R148	100K OHM 1/4W 5X CRBN.			IC56F, 7F	40 PIN IC SOCKET
R149, R150	620K OHM 1/4W 5X CRBN.				
R151	10K OHM 1/4W 5X CRBN.				



CROSS REFERENCE LIST

DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
33 PF 50V 5X AX. CER.	1	C144	0986-00800-0300	1N4148	6	D101-D103, D105-D107	0986-00801-0200
.47 PF 50V AX. CER.	2	C128, C129	0986-00800-2800	2N4403	1	Q104	0986-00802-0500
100 PF 50V 5X AX. CER.	1	C142	0986-00800-1000	11P110	3	Q101-Q103	0986-00802-0400
330 PF 50V AX. CER.	2	C161, C165	0986-00800-1300	74LS02	1	IC 6D	0986-00803-7400
.0022 MF 100V 10% MYLAR	12	C145-C156	0986-00800-1200	74LS04	1	IC 11C	0986-00803-6900
.047 MF 100V MYLAR	1	C139	0986-00800-2600	74S04	1	IC 12F	0986-00803-6600
.01 MF 50V AX. CER.	47	CP2-CP12, CP14-CP19, CP21-CP27, CP29-CP33, CP35-CP46, CP48-CP51, C140, C173	0986-00800-2000	7406	1	IC 1A	0986-00803-7600
.1 MF 50V AX. CER.	34	CP2-CP12, CP14-CP19, CP21-CP27, CP29-CP33, CP35-CP46, CP48-CP51, C140, C173	0986-00800-1100	7407	1	IC 6C	0986-00803-5900
.1 MF 20V AX. TANT.	8	C134, C137, C157-C159, C162-C164	0986-00800-1400	74LS08	1	IC 13A	0986-00803-7300
10 MF 25V AX. TANT.	15	CP20, CP54, CP52, CP53, CP202-CP204	0986-00800-0700	7427	1	IC 13C	0986-00803-7200
470 MF 16V AX. ELECT.	4	CP1, CP13, CP47, CP54	0986-00800-2700	74LS32	1	IC 10B	0986-00803-6100
22 OHM 1/4W 5X CRBN.	1	R164	0062-063B3-1XXX	7474	1	IC 11F	0986-00803-6700
100 OHM 1/4W 5X CRBN.	1	R239	0062-110B3-1XXX	74126	1	IC 12E	0986-00803-6800
220 OHM 1/4W 5X CRBN.	34	R108-R131, R162, R501-R509	0062-133B3-1XXX	74LS138	4	IC7B, 8B, 12B, 13B	0986-00803-6500
300 OHM 1/4W 5X CRBN.	1	R231	0062-141B3-1XXX	74161	1	IC 11E	0986-00803-5100
330 OHM 1/4W 5X CRBN.	2	R160, R161	0062-144B3-1XXX	74166	1	IC 13D	0986-00803-5300
1K OHM 1/4W 5X CRBN.	3	R153, R227, R401	0062-179B3-1XXX	74LS174	1	IC 14B	0986-00803-7500
1.2K OHM 1/4W 5X CRBN.	3	R157, R158, R163	0062-183B3-1XXX	74190	1	IC 11D	0986-00803-9400
2.7K OHM 1/4W 5X CRBN.	7	R301-R306, R510	0062-199B3-1XXX	74LS191	6	IC3F-5F, 8F-10F	0986-00803-5600
3K OHM 1/4W 5X CRBN.	1	R233	0062-201B3-1XXX	74LS244	5	IC2B, 4B, 5B, 2E, 2F	0986-00803-4800
4.7K OHM 1/4W 5X CRBN.	19	R101-R107, R165, R166, R225, R226, R228, R232, R233, R235, R402, R405-R407	0062-211B3-1XXX	74LS245	1	IC 11A	0986-00803-6400
5.6K OHM 1/4W 5X CRBN.	12	R173-R178, R197-R202	0062-215B3-1XXX	74LS273	2	IC3A, 4A	0986-00803-4700
10K OHM 1/4W 5X CRBN.	4	R146, R151, R155, R156	0062-227B3-1XXX	74LS367	1	IC 14C	0986-00803-7000
13K OHM 1/4W 5X CRBN.	6	R209-R211, R220-R222	0062-233B3-1XXX	74LS374	1	IC 5A	0986-00803-4600
24K OHM 1/4W 5X CRBN.	2	R179, R196	0062-245B3-1XXX	74S670	2	IC9B, 11B	0986-00803-6300
27K OHM 1/4W 5X CRBN.	2	R213, R224	0062-247B3-1XXX	AY-3-8910	2	IC6F, 7F	0986-00803-8500
33K OHM 1/4W 5X CRBN.	15	R135, R203-R208, R214-R219, R403, R404	0062-251B3-1XXX	LM3900	1	IC 3D	0986-00803-4900
100K OHM 1/4W 5X CRBN.	2	R142, R148	0062-275B3-1XXX	MC3403	2	IC10C, 10E	0986-00803-5000
180K OHM 1/4W 5X CRBN.	2	R138, R141	0062-287B3-1XXX	MC14016	3	IC7D-9D	0986-00803-6200
620K OHM 1/4W 5X CRBN.	4	R144, R145, R149, R150	0062-313B3-1XXX	MC14024	1	IC 12C	0986-00803-7100
1 MEG. OHM 1/4W 5X CRBN.	2	R152, R154	0062-323B3-1XXX	PROMSB2-A	1	IC 12D	0986-00803-8200
820 OHM 8 PIN S.I.P.	1	RM8	0986-00805-0800	RAM 1K X 8 ROM/EPROM 0	1	IC 6A	0986-00803-8000
1.8K OHM 10 PIN S.I.P.	1	RM9	0986-00805-0600	ROM/EPROM 1	1	IC 7A	0A27-00803-0024
2.7K OHM 10 PIN S.I.P.	4	RM2-RM5	0986-00805-0500	ROM/EPROM 2	1	IC 8A	0A27-00803-0025
4.7K OHM 8 PIN S.I.P.	1	RM7	0986-00805-0400	ROM/EPROM 3	1	IC 9A	NOT USED
4.7K OHM 10 PIN S.I.P.	2	RM1, RM14	0986-00805-0300	Z-80 (3880)	1	IC 10A	NOT USED

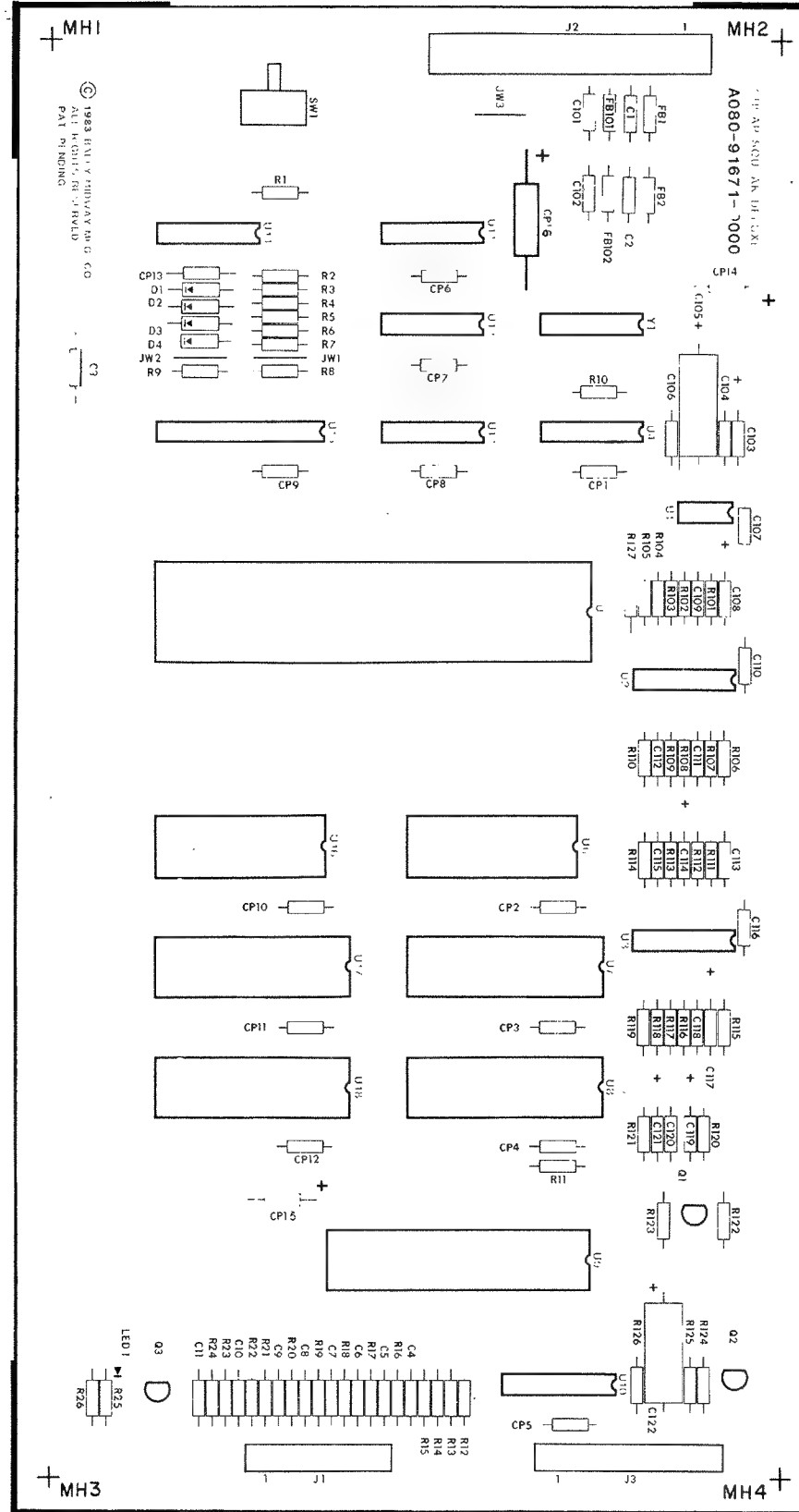
PROJECT ENG: C. MEDNICK		USED ON: SPY HUNTER UR		Bally / MIDWAY MFG. CO.	
DO NOT SCALE BY		HEAT TREAT		FRANKLIN PK ILL	
DIM. TOLERANCES UNLESS OTHERWISE SPECIFIED		SCALE: FULL		PART NO	
DRA: RLW		NO. REQ'D: 1 PER		M051 - 00A27 - A011	
CND:		FINISH:			
DATE: 11-01/83		SUPER SOUND I/O BD. ASSEMBLY DWG. A084-90913-AA27			



- 2 X 24 PIN RIBBON CABLE
1-12-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1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DESIGNATION LIST

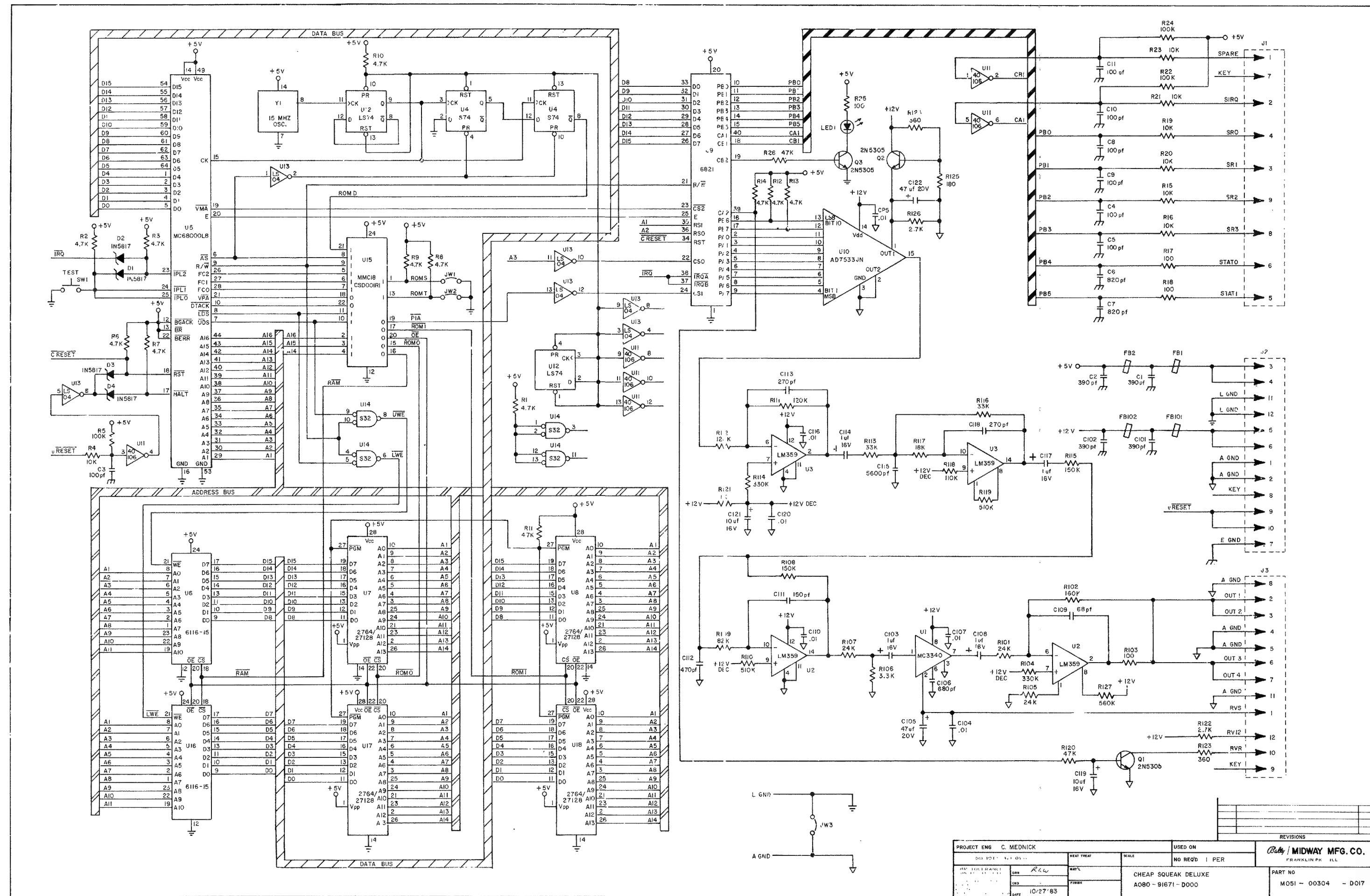
DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION
C1,C2	390 PF AX CER	R122	2.7K OHM 1/4W CRBN
C3-C5	100 PF AX CER	R123,R124	360 OHM 1/4W CRBN
C6,C7	820 PF AX CER	R125	180 OHM 1/4W CRBN
C8-C11	100 PF AX CER	R126	2.7K OHM 1/4W CRBN
C101,C102	390 PF AX CER	R127	560K OHM 1/4W CRBN
C103	1 MF RD TANT		
C104	.01 MF AX CER	D1-D4	1N5817
C105	47 MF AX ELECT		
C106	680 PF AX CER	Q1-Q3	2N5305
C107	.01 MF AX CER		
C108	1 MF RD TANT	U1	MC3340
C109	68 PF AX CER 10%	U2,U3	LM359
C110	.01 MF AX CER	U4	74S74
C111	150 PF AX CER 10%	U5	68000-8 CPU
C112	470 PF AX CER 10%	U6	2KX8 RAM
C113	270 PF AX CER 10%	U7	EPROM
C114	1 MF RD TANT	U8	EPROM
C115	5600 PF AX CER 10%	U9	6821 PIA
C116	.01 MF AX CER	U10	AD7533JN DAC
C117	1 MF RD TANT	U11	MC14584/40106
C118	270 PF AX CER	U12	74LS74
C119	10 MF RD TANT	U13	74LS04
C120	.01 MF AX CER	U14	74F32/74S32
C121	10 MF RD TANT	U15	CS0002RO PAL
C122	47 MF AX ELECT	U16	2KX8 RAM 250NS
CP1-CP13	.01MF AX CER	U17	EPROM
CP14,CP15	10 MF AX TANT	U18	EPROM
CP16	100 MF AX ELECT	FB1,FB2	FERRITE BEAD
		FB101,FB102	FERRITE BEAD
R1-R3	4.7K OHM 1/4W CRBN	ICS U5	64 PIN IC SOCKET
R4	10K OHM 1/4W CRBN	ICS U6	24 PIN IC SOCKET
R5	100K OHM 1/4W CRBN	ICS U7,U8	28 PIN IC SOCKET
R6-R9	4.7K OHM 1/4W CRBN	ICS U9	40 PIN IC SOCKET
R10	1K OHM 1/4W CRBN	ICS U10	16 PIN IC SOCKET
R11-R14	4.7K OHM 1/4W CRBN	ICS U15	8 PIN IC SOCKET
R15,R16	10K OHM 1/4W CRBN	ICS U15A	16 PIN IC SOCKET
R17,R18	100 OHM 1/4W CRBN	ICS U16	24 PIN IC SOCKET
R19-R21	10K OHM 1/4W CRBN	ICS U17,U18	28 PIN IC SOCKET
R22	100K OHM 1/4W CRBN		
R23	10K OHM 1/4W CRBN	J1	AUTO INSERT PINS TIN
R24	100K OHM 1/4W CRBN		
R25	100 OHM 1/4W CRBN	J2	.025 SQ. PIN
R26	47K OHM 1/4W CRBN		
R101	24K OHM 1/4W CRBN	J3	AUTO INSERT PINS TIN
R102	160K OHM 1/4W CRBN		
R103	100 OHM 1/4W CRBN		
R104	330K OHM 1/4W CRBN		
R105	24K OHM 1/4W CRBN	JW1-JW3	ZERO OHM RESISTOR
R106	3.3K OHM 1/4W CRBN		
R107	24K OHM 1/4W CRBN	LED 1	GREEN LED
R108	150K OHM 1/4W CRBN		
R109	82K OHM 1/4W CRBN	SW1	SWITCH PC MOUNT
R110	510K OHM 1/4W CRBN		
R111,R112	120K OHM 1/4W CRBN	Y1	16 MHZ XSTAC OSC
R113	33K OHM 1/4W CRBN		
R114	330K OHM 1/4W CRBN	MH1-MH4	1/4" SPACER FOR
R115	150K OHM 1/4W CRBN		
R116	33K OHM 1/4W CRBN		
R117	18K OHM 1/4W CRBN	PC BOARD	A080-91671-D000
R118	100K OHM 1/4W CRBN		
R119	510K OHM 1/4W CRBN		
R120	47K OHM 1/4W CRBN		
R121	1K OHM 1/4W CRBN		



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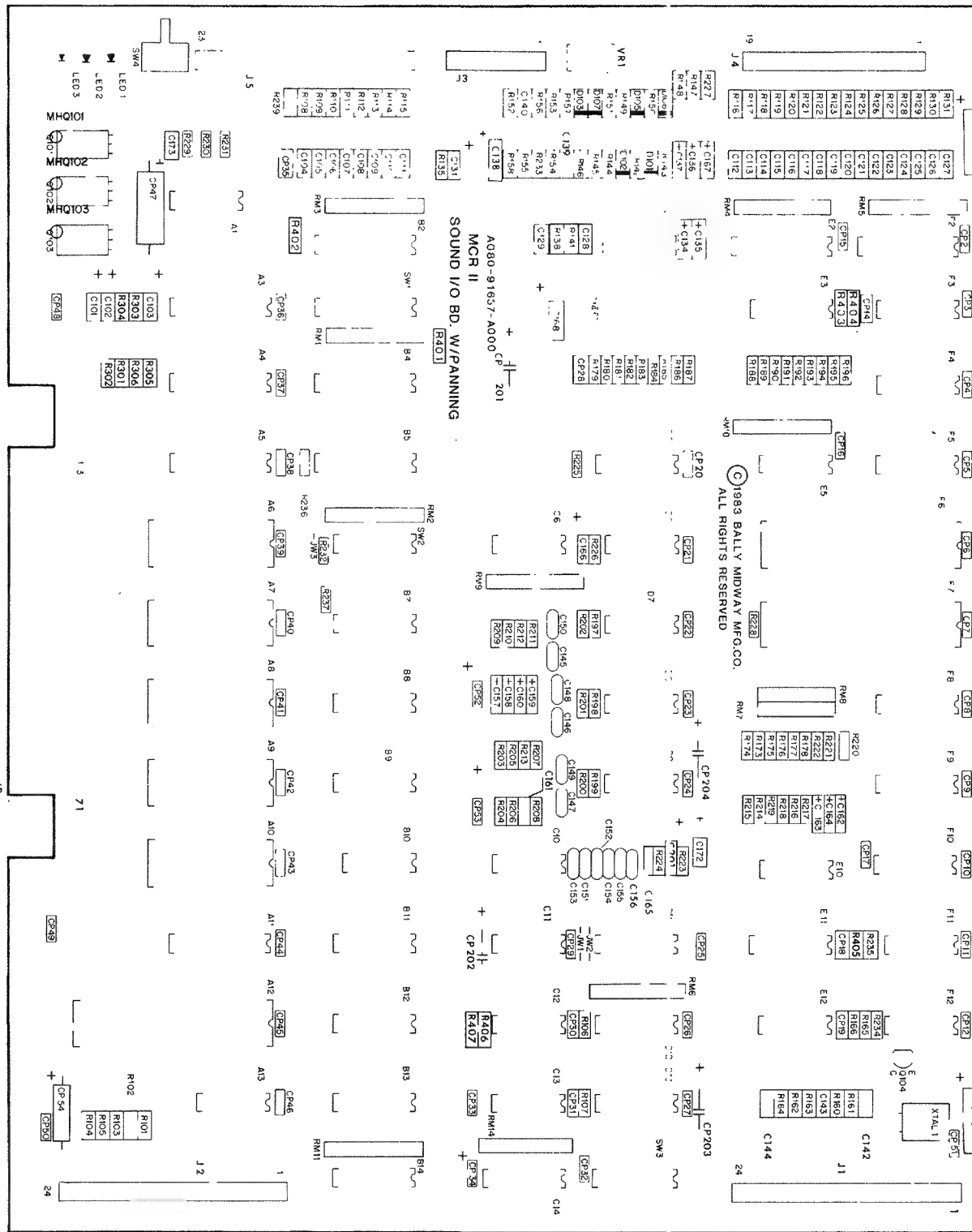
DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
68 PF AX CER 10%	1	C109	0307-00800-0011	CS0002RO PAL	1	U15	0304-00803-0052
100 PF AX CER	7	C3-C5,C8-C11	0304-00800-0001	LM359	2	U2,U3	0304-00803-0053
150 PF AX CER 10%	1	C111	0307-00800-0010	MC3340	1	U1	0304-00803-0002
270 PF AX CER 10%	2	C113,C118	0307-00800-0009	RAM 2KX8	2	U6,U16	0304-00803-0057
390 PF AX CER	4	C1,C2,C101,C102	0986-00800-3000	ROM/EPROM	1	U7	0A27-00803-0012
470 PF AX CER 10%	1	C112	0307-00800-0008	ROM/EPROM	1	U8	0A27-00803-0014
680 PF AX CER	1	C106	0358-00800-0002	ROM/EPROM	1	U17	0A27-00803-0013
820 PF AX CER	2	C6,C7	0304-00800-0002	ROM/EPROM	1	U18	0A27-00803-0015
5600 PF AX CER 10%	1	C115	0307-00800-0007				
.01 MF AX CER	18	C104,C107,C110,C116,C120,CP1-CP13	0986-00800-2200	FERRITE BEAD	4	FB1,FB2,FB101,FB102	0316-00804-0002
1 MF RD TANT	4	C103,C108,C114	0307-00800-0004	8 PIN IC SOCKET	1	ICS U15	0986-00804-3600
10 MF AX TANT	2	C117	0986-00800-0700	16 PIN IC SOCKET	2	ICS U10,U15A	0986-00804-1400
10 MF RD TANT	2	CP14,CP15	0307-00800-0005	24 PIN IC SOCKET	2	ICS U6,U16	0986-00804-1600
47 MF AX ELECT	2	C119,C121	0307-00800-0003	28 PIN IC SOCKET	4	ICS U7,U8,U17,U18	0986-00804-3900
100 MF AX ELECT	1	C105,C122	0307-00800-0003	40 PIN IC SOCKET	1	ICS U9	0986-00804-1500
		CP16	0307-00800-0006	64 PIN IC SOCKET	1	ICS U5	0307-00804-0001
100 OHM 1/4W CRBN	4	R17,R18,R25,R105	100E-00005-0053				
130 OHM 1/4W CRBN	1	R125	100E-00005-0059	AUTO INSERT PIN	8	J1	0304-00804-0009
360 OHM 1/4W CRBN	2	R123,R124	100E-00005-0048	TIN .025 SQ			
1K OHM 1/4W CRBN	2	R10,R121	100E-00005-0061	AUTO INSERT PIN	11	J3	0304-00804-0009
2.7K OHM 1/4W CRBN	2	R122,R126	100E-00005-0071	TIN .025 SQ			
3.3K OHM 1/4W CRBN	1	R106	100E-00005-0074	AUTO INSERT PIN	11	J2	0304-00804-0010
4.7K OHM 1/4W CRBN	11	R1-R3,R6-R9,R11-R14	100E-00005-0079	TIN .045 SQ			
10K OHM 1/4W CRBN	7	R4,R15,R16,R19-R21,R23	100E-00005-0088	ZERO OHM RES	3	JW1-JW3	0986-00804-4000
18K OHM 1/4W CRBN	1	R117	100E-00005-0095	GREEN LED	1	LED 1	0360-00804-0015
24K OHM 1/4W CRBN	3	R101,R105,R107	100E-00005-0097	SWITCH PC MTG	1	SW1	0986-00804-3100
33K OHM 1/4W CRBN	2	R113,R116	100E-00005-0100	16 MHZ XSTAL OSC	1	Y1	0304-00804-0008
47K OHM 1/4W CRBN	2	R26,R120	100E-00005-0104	1/4" SPACER FOR	4	MH1-MH4	0017-00042-0320
82K OHM 1/4W CRBN	1	R109	100E-00005-0112	#8 SCREW			
100K OHM 1/4W CRBN	4	R5,R22,R24,R118	100E-00005-0115	PC BOARD	1		A080-91671-D000
120K OHM 1/4W CRBN	2	R111,R112	100E-00005-0118				
150K OHM 1/4W CRBN	2	R108,R115	100E-00005-0120				
160K OHM 1/4W CRBN	1	R102	100E-00005-0121				
330K OHM 1/4W CRBN	2	R104,R114	100E-00005-0128				
510K OHM 1/4W CRBN	2	R110,R119	100E-00005-0133				
560K OHM 1/4W CRBN	1	R127	100E-00005-0134				
1N5817	4	D1-D4	103E-00003-0009				
2N5305	3	Q1-Q3	104E-00007-0003				
74LS04	1	U13	0304-00803-0060				
74F32/74S32	1	U14	0304-00803-0059				
74LS74	1	U12	0304-00803-0058				
74S74	1	U4	0304-00803-0061				
14584/40106	1	U11	0304-00803-0056				
6821 PIA	1	U9	0304-00803-0054				
68000-3 CPU	1	U5	0304-00803-0051				
AD7533JN	1	U10	0304-00803-0055				

PROJECT ENG: C. MEDNICK		USED ON		REVISIONS	
DATE: 11/08/83		NO. REQ'D: 1 PER		Bally / MIDWAY MFG. CO. FRANKLIN, PA. 15035	
DIM. TOLERANCES: UNLESS SPECIFIED		HEAT TREAT		SCALE: FULL	
MATERIAL		FINISH		PART NO. M051 - 00304 - D016	
CHECKED: RLL		FINISH		CHEAP SQUEAK DELUXE ASSEMBLY DWG. A080-91671-D000	



DESIGNATION LIST

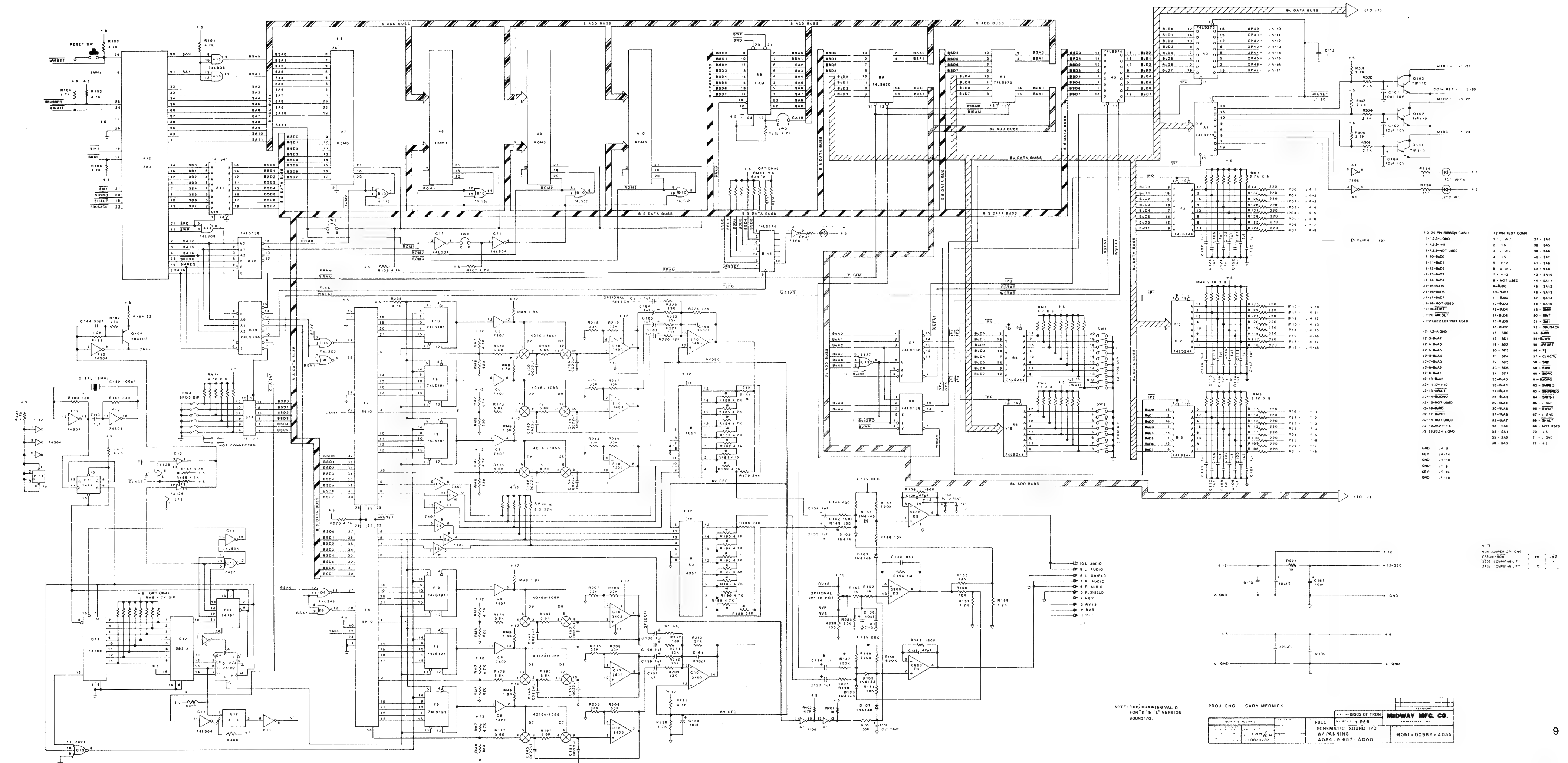
DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION
C101-C103	10 MF 25V AX. TANT.	R173-R178	5.6K OHM 1/4W 5% CRBN.	IC14C	74LS367
C104-C127	.1 MF 50V AX. CER.	R179	24K OHM 1/4W 5% CRBN.	IC3D	LM3900
C128,C129	47 PF 50V AX. CER.	R180-R186	4.7K OHM 1/4W 5% CRBN.	IC5D	MC14051
C131	10 MF 25V AX. TANT.	R187,R188	24K OHM 1/4W 5% CRBN.	IC6D	74LS02
C134-C137	1 MF 20V AX. TANT.	R189-R195	4.7K OHM 1/4W 5% CRBN.	IC7D-9D	MC14016
C138	10 MF 25V AX. TANT.	R196	24K OHM 1/4W 5% CRBN.	IC11D	74LS02
C139	.047 MF 100V MYLAR	R197-R202	5.6K OHM 1/4W 5% CRBN.	IC12D	PROMS82A
C140,C141	.01 MF 50V AX. CER.	R203-R208	33K OHM 1/4W 5% CRBN.	IC13D	74LS02
C142	100 PF 50V AX. CER.	R209-R211	13K OHM 1/4W 5% CRBN.	IC15E	74LS244
C143	.1 MF 50V AX. CER.	R213	27K OHM 1/4W 5% CRBN.	IC13E	MC14051
C144	33 PF 50V AX. CER.	R214-R219	33K OHM 1/4W 5% CRBN.	IC10E	7407
C145-C156	.0022 MF 100V 10X MYLAR	R220-R222	13K OHM 1/4W 5% CRBN.	IC11E	MC3403
C157-C159	1 MF 20V AX. TANT.	R224	27K OHM 1/4W 5% CRBN.	IC12E	74126
C161	330 PF 50V AX. CER.	R225,R226	4.7K OHM 1/4W 5% CRBN.	IC12F	74LS244
C162-C164	1 MF 20V AX. TANT.	R227	1K OHM 1/4W 5% CRBN.	IC3F-5F	74LS191
C165	330 PF 50V AX. CER.	R228	4.7K OHM 1/4W 5% CRBN.	IC6F,7F	AY-3-8910
C166-C168	10 MF 25V AX. TANT.	R231	300 OHM 1/4W 5% CRBN.	IC8F-10F	74LS191
C172	10 MF 25V AX. TANT.	R232	4.7K OHM 1/4W 5% CRBN.	IC11F	7474
C173	.01 MF 50V AX. CER.	R233	3K OHM 1/4W 5% CRBN.	IC12F	74S04
CP1	470 MF 16V AX. ELECT.	R234,R235	4.7K OHM 1/4W 5% CRBN.	ICS6A-ICS10A	24 PIN IC SOCKET
CP2-CP12	.01 MF 50V AX. CER.	R239	100 OHM 1/4W 5% CRBN.	ICS12A	40 PIN IC SOCKET
CP13	470 MF 16V AX. ELECT.	R301-R306	2.7K OHM 1/4W 5% CRBN.	ICS12D	16 PIN IC SOCKET
CP14-CP33	.01 MF 50V AX. CER.	R401	1K OHM 1/4W 5% CRBN.	ICS6F,7F	40 PIN IC SOCKET
CP34	10 MF 25V AX. TANT.	R402	4.7K OHM 1/4W 5% CRBN.	J1,J2	24 PIN KK100 RT. ANGLE
CP35-CP46	.01 MF 50V AX. CER.	R405-R407	4.7K OHM 1/4W 5% CRBN.	J3	10 PIN KK100 RT. ANGLE OMIT 4
CP47	470 MF 16V AX. ELECT.	RM1	4.7K OHM 10 PIN S.I.P.	J4	19 PIN KK100 RT. ANGLE OMIT 14
CP48-CP51	.01 MF 50V AX. CER.	RM3-RM5	2.7K OHM 10 PIN S.I.P.	J5	23 PIN KK100 RT. ANGLE OMIT 19
CP52,CP53	10 MF 25V AX. TANT.	RM7	4.7K OHM 8 PIN S.I.P.	JW1,JW2	JUMPER WIRE
CP54	470 MF 16V AX. ELECT.	RM8	820 OHM 8 PIN S.I.P.	LED 3	YELLOW LED
CP201-CP204	10 MF 25V AX. TANT.	RM9	1.8K OHM 10 PIN S.I.P.	SW1	10 POSITION DIP
R101-R107	4.7K OHM 1/4W 5% CRBN.	RM10	22K OHM 10 PIN S.I.P.	SW3	8 POSITION DIP
R108-R131	220 OHM 1/4W 5% CRBN.	RM14	4.7K OHM 10 PIN S.I.P.	SW4	PUSHBUTTON S.W.
R135	33K OHM 1/4W 5% CRBN.	D101-D103	1N4148	XTAL 1	16 MHZ XTAL
R138,R141	180K OHM 1/4W 5% CRBN.	D105-D107	1N4148	MHQ101-MHQ103	SNAP
R142,R143	100K OHM 1/4W 5% CRBN.	Q101-Q103	T1P110	A080-91657-A000	SOUND I/O BD. W/PANNING
R144,R145	620K OHM 1/4W 5% CRBN.	Q104	2N4403		
R146	10K OHM 1/4W 5% CRBN.	IC1A	7406		
R147,R148	100K OHM 1/4W 5% CRBN.	IC3A,4A	74LS273		
R149,R150	620K OHM 1/4W 5% CRBN.	IC5A	74LS374		
R151	10K OHM 1/4W 5% CRBN.	IC6A	1K X 8 RAM		
R152	1MEG. OHM 1/4W 5% CRBN.	IC7A	ROM/EPROM 0		
R153	1K OHM 1/4W 5% CRBN.	IC8A	ROM/EPROM 1		
R154	1MEG. OHM 1/4W 5% CRBN.	IC9A	ROM/EPROM 2		
R155,R156	10K OHM 1/4W 5% CRBN.	IC10A	ROM/EPROM 3		
R157,R158	1.2K OHM 1/4W 5% CRBN.	IC11A	74LS245		
R160,R161	330 OHM 1/4W 5% CRBN.	IC12A	Z-80 CPU		
R162	220 OHM 1/4W 5% CRBN.	IC13A	74LS08		
R163	1.2K OHM 1/4W 5% CRBN.	IC2B,4B	74LS244		
R164	22 OHM 1/4W 5% CRBN.	IC7B,8B	74LS138		
R165,R166	4.7K OHM 1/4W 5% CRBN.	IC9B	74LS670		
		IC10B	74LS32		
		IC11B	74LS670		
		IC12B,13B	74LS138		
		IC14B	74LS174		
		IC6C	7407		
		IC10C	MC3403		
		IC11C	74LS04		
		IC12C	MC14024		
		IC13C	7427		



PROJECT ENG: C. MEDNICK		USED ON: SPY HUNTER SD		Bally / MIDWAY MFG. CO.	
DONOT SCALE BY		SCALE: FULL		FRANKLIN PR. ILL.	
DIM. TOLERANCES: .010" MAX. UNLESS OTHERWISE SPECIFIED		NO. REQ'D: 1 PER		PART NO.	
DATE: 11/08/83		ASSEMBLY DWG. SOUND I/O BD. W/PANNING A084-91657-A307		M051-00307 - A008	

CROSS REFERENCE LIST

DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
33 PF 50V 5X AX. CER.	1	C144	0986-00800-0300	2N4403	1	Q104	0986-00802-0500
47 PF 50V AX. CER.	2	C128,C129	0986-00800-2800	T1P110	3	Q101-Q103	0986-00802-0400
100 PF 50V 5X AX. CER.	1	C142	0986-00800-1000	74LS02	1	IC 6D	0986-00803-7400
330 PF 50V AX. CER.	2	C161,C165	0986-00800-1300	74LS04	1	IC 11C	0986-00803-6900
.0022 MF 100V 10X MYLAR	12	C145-C156	0986-00800-1200	IC111D	1	IC 12F	0986-00803-6600
.047 MF 100V MYLAR	1	C139	0986-00800-2600	7407	2	IC 1A	0986-00803-7600
.01 MF 50V AX. CER.	50	CP2-CP12,CP14-CP33,CP35-CP46,CP48-CP51,C140,C141,C173	0986-00800-2000	74LS08	1	IC 5E,6C	0986-00803-5900
.1 MF 50V AX. CER.	25	C104-C127,C143	0986-00800-1100	74LS32	1	IC 13A	0986-00803-7300
1 MF 20V AX. TANT.	10	C134-C137,C157-C159,C162-C164	0986-00800-1400	7474	1	IC 13C	0986-00803-7200
10 MF 25V AX. TANT.	16	CP34,CP52,CP53,CP201-CP204,C101-C103,C131,C138,C166-C168,C172	0986-00800-0700	74LS26	1	IC 10B	0986-00803-6100
22 OHM 1/4W 5% CRBN.	1	R164	0062-063B3-1XXX	74LS138	4	IC 11F	0986-00803-6700
100 OHM 1/4W 5% CRBN.	1	R239	0062-110B3-1XXX	74LS138	4	IC 12E	0986-00803-6800
220 OHM 1/4W 5% CRBN.	25	R108-R131,R162	0062-133B3-1XXX	74161	1	IC 7B,8B,12B,13B	0986-00803-6500
300 OHM 1/4W 5% CRBN.	1	R231	0062-141B3-1XXX	74166	1	IC 11E	0986-00803-5100
350 OHM 1/4W 5% CRBN.	2	R160,R161	0062-144B3-1XXX	74LS174	1	IC 13D	0986-00803-5300
1K OHM 1/4W 5% CRBN.	3	R153,R227,R401	0062-179B3-1XXX	74LS174	1	IC 14B	0986-00803-7500
1.2K OHM 1/4W 5% CRBN.	3	R157,R158,R163	0062-183B3-1XXX	74190	1	IC 11D	0986-00803-9400
2.7K OHM 1/4W 5% CRBN.	1	R301-R306	0062-199B3-1XXX	74LS191	6	IC 3F-5F,8F-10F	0986-00803-5600
3K OHM 1/4W 5% CRBN.	6	R233	0062-201B3-1XXX	74LS244	4	IC 2B,4B,2E,2F	0986-00803-4800
4.7K OHM 1/4W 5% CRBN.	33	R101-R107,R165,R166,R180-R186,R189-R195,R225,R226,R228,R232,R234,R235,R402,R405-R407	0062-211B3-1XXX	74LS245	2	IC 11A	0986-00803-6400
5.6K OHM 1/4W 5% CRBN.	12	R173-R178,R197-R202	0062-215B3-1XXX	74LS273	1	IC 3A,4A	0986-00803-4700
13K OHM 1/4W 5% CRBN.	4	R146,R151,R155,R156	0062-227B3-1XXX	74LS367	1	IC 14C	0986-00803-7000
15K OHM 1/4W 5% CRBN.	6	R209-R211,R220-R222	0062-233B3-1XXX	74LS374	2	IC 5A	0986-00803-4600
24K OHM 1/4W 5% CRBN.	4	R179,R187,R188,R196	0062-245B3-1XXX	74LS670	2	IC 9B,11B	0986-00803-6300
27K OHM 1/4W 5% CRBN.	2	R213,R224	0062-247B3-1XXX	AY-3-8910	2	IC 6F,7F	0986-00803-8500
33K OHM 1/4W 5% CRBN.	13	R135,R203-R208,R214-R219	0062-251B3-1XXX	LM3900	1	IC 3D	0986-00803-4900
100K OHM 1/4W 5% CRBN.	4	R142,R143,R147,R148	0062-275B3-1XXX	MC3403	2	IC 10C,10E	0986-00803-5000
180K OHM 1/4W 5% CRBN.	2	R138,R141	0062-287B3-1XXX	MC14024	3	IC 7D-9D	0986-00803-6200
620K OHM 1/4W 5% CRBN.	4	R144,R145,R149,R150	0062-313B3-1XXX	MC14051	1	IC 12C	0986-00803-7100
1 MEG. OHM 1/4W 5% CRBN.	2	R152,R154	0062-323B3-1XXX	PROMS82-A	2	IC 3E,5D	0986-00803-5400
820 OHM 8 PIN S.I.P.	1	RM8	0986-00805-0800	RAM 1K X 8	1	IC 12D	0986-00803-8200
1.8K OHM 10 PIN S.I.P.	1	RM9	0986-00805-0600	ROM/EPROM 0	1	IC 6A	0986-00803-8000
2.7K OHM 10 PIN S.I.P.	3	RM3-RM5	0986-00805-0500	ROM/EPROM 1	1	IC 7A	0307-00803-0006
4.7K OHM 8 PIN S.I.P.	1	RM7	0986-00805-0400	ROM/EPROM 2	1	IC 8A	0307-00803-0007
4.7K OHM 10 PIN S.I.P.	2	RM1,RM14	0986-00805-0300	ROM/EPROM 3	1	IC 9A	NOT USED
22K OHM 10 PIN S.I.P.	1	RM10	0986-00805-0700	Z-80(3880)	1	IC 10A	NOT USED
1N4148	6	D101-D103,D105-D107	0986-00801-0200	16 PIN IC SOCKET	1	IC 12A	0986-00803-5500



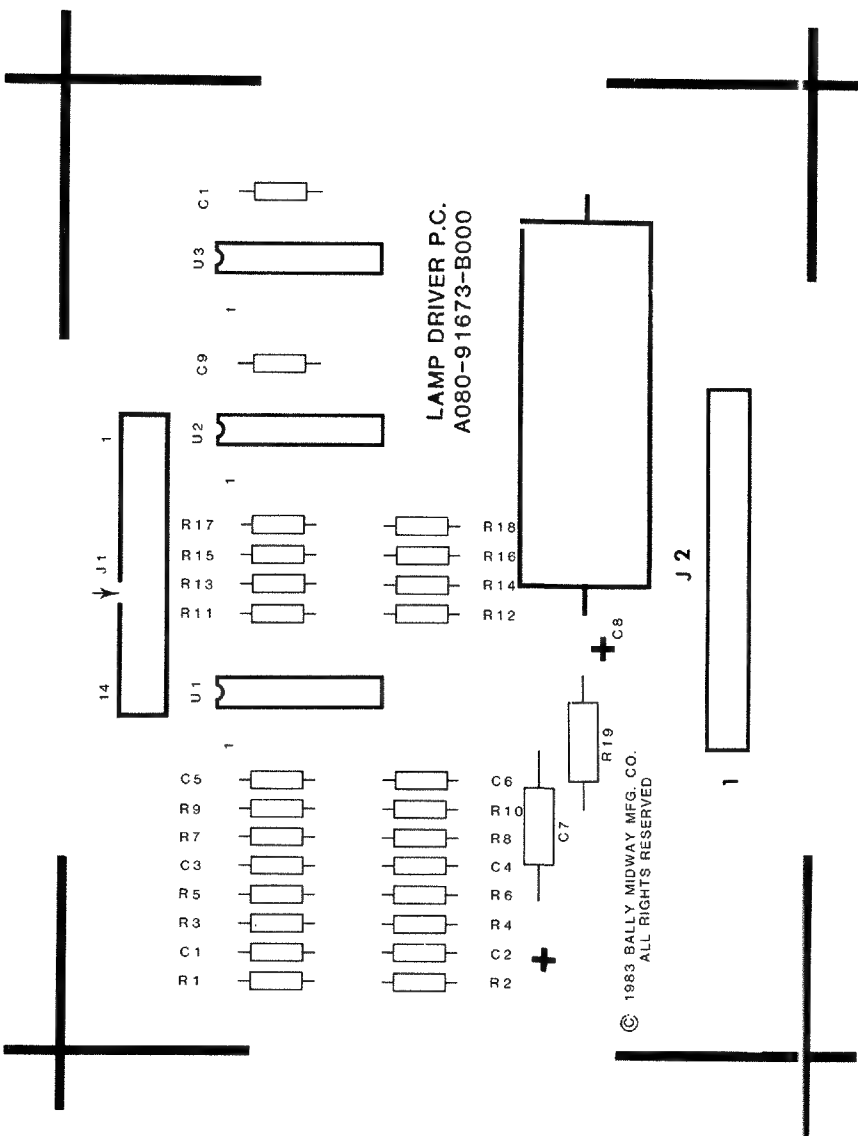
NOTE: THIS DRAWING VALID FOR "K" & "L" VERSION SOUND I/O.

PROJ. ENG. CARY MEDNICK

DISCS OF TRON	MIDWAY MFG. CO.
FULL SCHEMATIC SOUND I/O	M051-00982-A035
W/ PANNING	
A084-91657-A000	

DESIGNATION LIST

DESIGNATION NO.	DESCRIPTION
C1-C4	100 PF 50V AX CER
C5	.01 UF 50V AX CER
C6	100 PF 50V AX CER
C7	10 UF 16V AX
	ELECT
C8	4700 UF 25V AX
	ELECT
C9,C10	.01 UF 50V AX CER
R1	10K OHM 1/4W 5%
R2	100K OHM 1/4W 5%
R3	10K OHM 1/4W 5%
R4	100K OHM 1/4W 5%
R5	10K OHM 1/4W 5%
R6	100K OHM 1/4W 5%
R7	10K OHM 1/4W 5%
R8	100K OHM 1/4W 5%
R9	10K OHM 1/4W 5%
R10	100K OHM 1/4W 5%
R11-R18	100K OHM 1/4W 5%
R19	2.2 OHM 1W 5%
U1	4099
U2,U3	2068B
J1	.025 SQ PIN
J2	.045 SQ PIN
PCMH1-PCMH4	SPACER #8
P.C. BOARD	A080-91673-A000

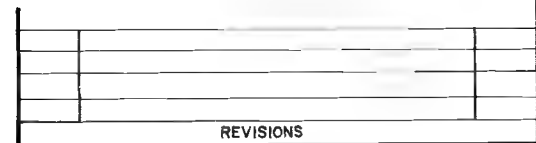


CROSS REFERENCE LIST

DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
100 PF 50V AX CER	5	C1-C4,C6	0639-00800-0003
.01 UF 50V AX CER	3	C5,C9,C10	0628-00800-0100
10 MF 16V AX	1	C7	0628-00800-0300
ELECT			
4700 UF 25V AX	1	C8	0383-00800-0006
ELECT			
2.2 OHM 1W 5%	1	R19	100E-00007-0003
10K OHM 1/4W 5%	5	R1,R3,R5,R7,R9	100E-00005-0088
100K OHM 1/4W 5%	13	R2,R4,R6,R8,R10	100E-00005-0115
		R11-R18	
2068B	2	U2,U3	0307-00803-0003
4099	1	U1	0307-00803-0004
.025 SQ PIN	13	J1	0017-00033-0479
.045 SQ PIN	10	J2	0017-00033-0480
SPACER #8	4	PCMH1-PCMH4	0017-00042-0320
P.C. BOARD	1		A080-91673-A000

REVISIONS

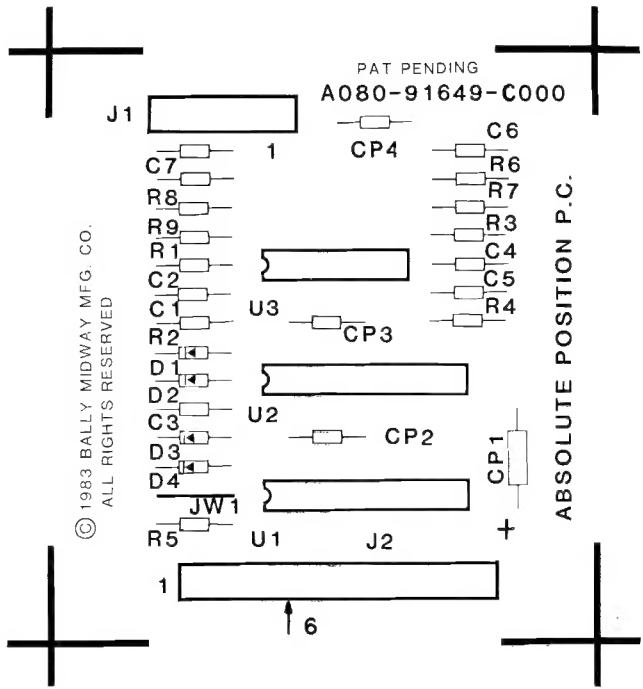
PROJECT ENG: J. BOYDSTON		USED ON		Bally / MIDWAY MFG. CO.	
COPIES: 10		NO. REQ'D: 1 PER		FRANKLIN PK. ILL.	
DATE: 10/28/83		SCALE: FULL		PART NO. M051 - 00114 - B094	
DRAWN: ted		MATERIAL		ASSEMBLY DWG	
CHECKED: JDB		FINISH		LAMP DRIVER P.C.	
DATE: 10/28/83				A080-91673-B000	

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DESIGNATION LIST

CROSS REFERENCE LIST

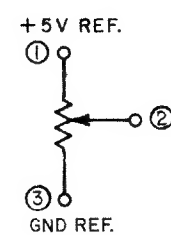
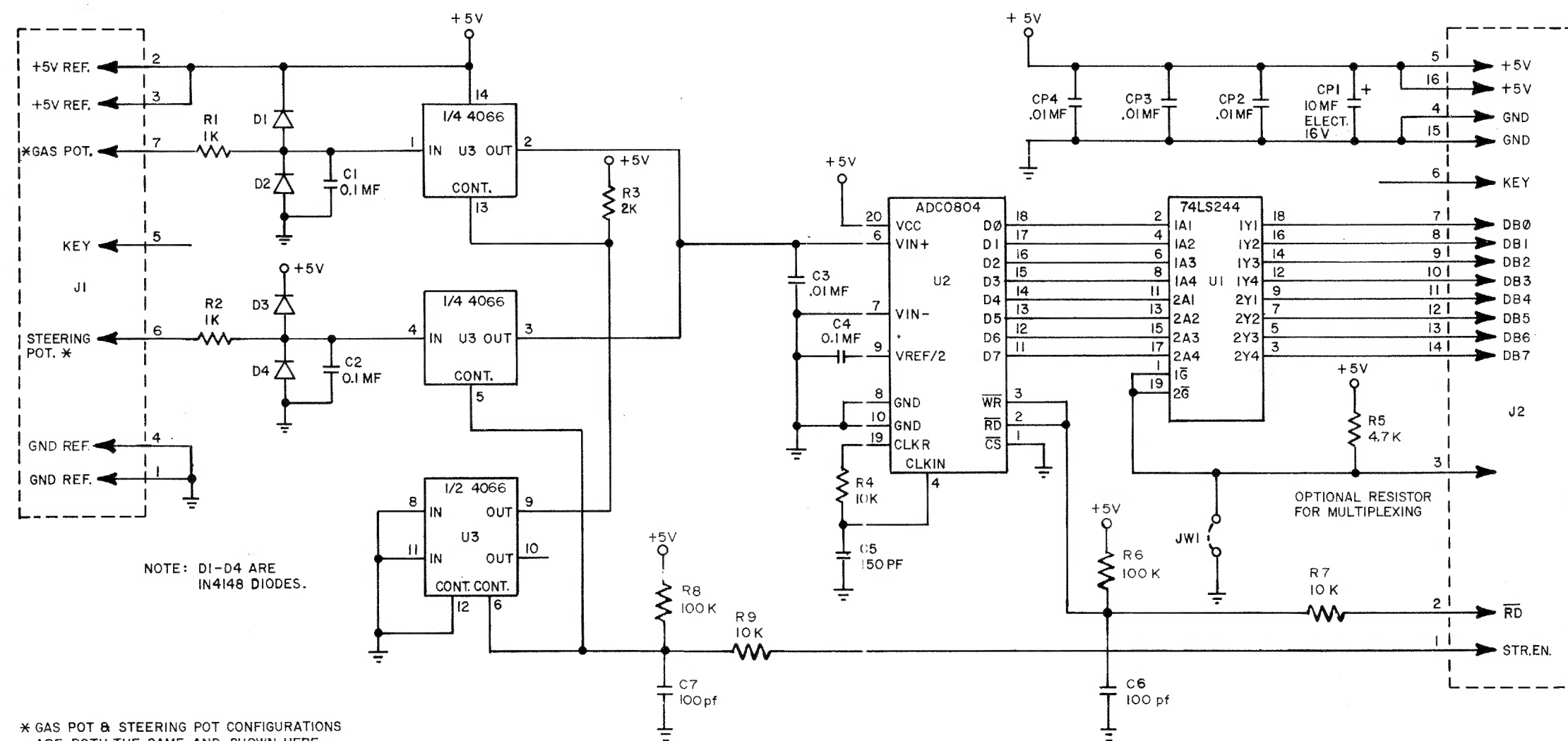
DESIGNATION NO.	DESCRIPTION
C1, C2	0.1 MF 50V AX CER
C3	.01 MF 50V AX CER
C4	.1 MF 50V AX CER
C5	150 PF 50V AX CER
C6, C7	100 PF 50V AX CER
CP1	10 MF 16V AX
CP2-CP4	.01 MF 50V AX CER
R1, R2	1K OHM 1/4W 5%
R3	2K OHM 1/4W 5%
R4	10K OHM 1/4W 5%
R5	4.7K OHM 1/4W 5%
R6	100K OHM 1/4W 5%
R7	10K OHM 1/4W 5%
R8	100K OHM 1/4W 5%
R9	10K OHM 1/4W 5%
D1-D4	1N4148 DIODE
U1	74LS244
U2	ADC0804
U3	4066
J1	.025 SQ AUTO WIRE
J2	.025 SQ AUTO WIRE
JW1	JUMPER WIRE
PCMH1-PCMH4	SPACER #8
PC BOARD	A080-91649-C000



DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
100 PF 50V AX CER	2	C6, C7	0639-00800-0003
150 PF 50V AX CER	1	C5	0307-00800-0002
.01MF 50V AX CER	4	CP2-CP4, C3	0628-00800-0100
.1 MF 50V AX CER	3	C1, C2, C4	0307-00800-0001
10 MF 16V AX	1	CP1	0628-00800-0300
1K OHM 1/4W 5%	2	R1, R2	100E-00005-0061
2K OHM 1/4W 5%	1	R3	100E-00005-0068
4.7K OHM 1/4W 5%	1	R5	100E-00005-0079
10K OHM 1/4W 5%	3	R4, R7, R9	100E-00005-0115
100K OHM 1/4W 5%	2	R6, R8	103E-00002-0005
1N4148 DIODE	4	D1-D4	0307-00803-0002
4066	1	U3	0639-00803-0003
74LS244	1	U1	0307-00803-0001
ADC0804	1	U2	0017-00033-0479
.025 SQ AUTO WIRE	21	J1, J2	0986-00805-0200
JUMPER WIRE	1	JW1	0017-00042-0320
SPACER #8	4	PCMH1-PCMH4	A080-91649-C000
P.C. BOARD	1		

PROJECT ENG: J. ROYDSTON		USED ON DISC OF TRON		REVISIONS	
DO NOT SCALE		SCALE FULL		NO. REQ'D 1 PER	
HEAT TREAT		MAY'L		FINISH	
DATE 11/11/83		ASSEMBLY DWG		PART NO	
		ABSOLUTE POSITION P.C.		M051 - 00114 - C084	
		A080-91649-C000			

Bally / MIDWAY MFG. CO.
FRANKLIN PK IL



DESIGNATION LIST

DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION
C103	33 PF 50V AX CER	RM1	4.7K 10 PIN SIP	13E	74LS174
C104	.1 MF 50V AX CER	RM2	4.7K 10 PIN SIP	14E	74LS27
C105	390 MF 50V AX CER	RM3	4.7K 6 PIN SIP	15E	74LS04
C106	390 MF 50V AX CER	RM4	4.7K 10 PIN SIP	1F	NVR CONT.
C107	100 PF 50V AX CER			2F	74LS32
C108	.1 MF 50V AX CER	D101	4148	3F	74LS04
C109-C126	390 MF 50V AX CER	D102	1N5817	4F	74LS244
C127-C136	47 PF 50V AX CER			5F	74LS244
C137	100 PF AX CER	SW1	P.B. SWITCH	6F	74LS245
C138	330 PF AX CER			7F	74LS08
C139	33 PF AX CER	Q1	2N4123	8F	74LS138
CP1-CP4	.01MF 50V AX CER	Q2-Q7	MPSA70	9F	74LS32
CP5	10 MF 25V AX TANT	Q8	2N4403	10F	74LS157
CP6	.01 MF 50V AX CER			11F	74LS157
CP7	10 MF 25V AX TANT	OSC1	20 MHZ XTAL OSC	12F	74LS157
CP8-CP10	.01 MF 50V AX CER			13F	7430
CP11	10 MF 25V AX TANT	JW1, JW2	JUMPER WIRE	14F	74LS04
CP12-CP17	.01MF 50V AX CER	JW11, JW13	JUMPER WIRE	15F	74LS20
CP18	10 MF 25V AX TANT	JW14, JW15	JUMPER WIRE	1G	4053
CP19-CP23	.01 MF 50V AX CER			2G	4017
CP24	10 MF 25V AX TANT	FB1-FB30	FERRITE BEAD	3G	74LS367
CP25-CP33	.01 MF 50V AX CER			4G	Z80B
CP34	10 MF 25V AX TANT			5G	DATA RET RAM
CP35-CP37	.01 MF 50V AX CER			6G	Z80BCTC
CP38	10 MF 25V AX TANT			7G	STAT RAM
CP39-CP41	.01 MF 50V AX CER			8G	EPROM-BG-A
CP42	10 MF 25V AX TANT			9G	EPROM-BG-B
CP43-CP45	.01 MF 50V AX CER			10G	EPROM-BG-C
CP46	10 MF 25V AX TANT			11G	EPROM-BG-D
CP47-CP49	.01 MF 50V AX CER			12G	EPROM-BG-E
CP50	10 MF 25V AX TANT			13G	EPROM-BG-F
CP51-CP53	.01 MF 50V AX CER			14G	EPROM-BG-G
CP54	10 MF 25V AX TANT			15G	EPROM-BG-H
CP55-CP58	.01 MF 50V AX CER			16G	EPROM-BG-I
CP59	10 MF 25V AX TANT			17G	EPROM-BG-J
CP60-CP62	.01 MF 50V AX CER			18G	EPROM-BG-K
CP63	10 MF 25V AX TANT			19G	EPROM-BG-L
CP64-CP66	.01 MF 50V AX CER			20G	EPROM-BG-M
CP67	10 MF 25V AX TANT			21G	EPROM-BG-N
CP68-CP70	.01 MF 50V AX CER			22G	EPROM-BG-O
CP71-CP73	10 MF 25V AX TANT			23G	EPROM-BG-P
CP74-CP76	.01 MF 50V AX CER			24G	EPROM-BG-Q
CP77-CP79	10 MF 25V AX TANT			25G	EPROM-BG-R
CP80-CP82	.01 MF 50V AX CER			26G	EPROM-BG-S
CP83-CP85	10 MF 25V AX TANT			27G	EPROM-BG-T
CP86-CP88	.01 MF 50V AX CER			28G	EPROM-BG-U
CP89-CP91	10 MF 25V AX TANT			29G	EPROM-BG-V
CP92-CP94	.01 MF 50V AX CER			30G	EPROM-BG-W
CP95-CP97	10 MF 25V AX TANT			31G	EPROM-BG-X
CP98-CP100	.01 MF 50V AX CER			32G	EPROM-BG-Y
CP101-CP103	10 MF 25V AX TANT			33G	EPROM-BG-Z
CP104-CP106	.01 MF 50V AX CER			34G	EPROM-BG-AA
CP107-CP109	10 MF 25V AX TANT			35G	EPROM-BG-AB
CP110-CP112	.01 MF 50V AX CER			36G	EPROM-BG-AC
CP113-CP115	10 MF 25V AX TANT			37G	EPROM-BG-AD
CP116-CP118	.01 MF 50V AX CER			38G	EPROM-BG-AE
CP119-CP121	10 MF 25V AX TANT			39G	EPROM-BG-AF
CP122-CP124	.01 MF 50V AX CER			40G	EPROM-BG-AG
CP125-CP127	10 MF 25V AX TANT			41G	EPROM-BG-AH
CP128-CP130	.01 MF 50V AX CER			42G	EPROM-BG-AI
CP131-CP133	10 MF 25V AX TANT			43G	EPROM-BG-AJ
CP134-CP136	.01 MF 50V AX CER			44G	EPROM-BG-AK
CP137-CP139	10 MF 25V AX TANT			45G	EPROM-BG-AL
CP140-CP142	.01 MF 50V AX CER			46G	EPROM-BG-AM
CP143-CP145	10 MF 25V AX TANT			47G	EPROM-BG-AN
CP146-CP148	.01 MF 50V AX CER			48G	EPROM-BG-AO
CP149-CP151	10 MF 25V AX TANT			49G	EPROM-BG-AP
CP152-CP154	.01 MF 50V AX CER			50G	EPROM-BG-AQ
CP155-CP157	10 MF 25V AX TANT			51G	EPROM-BG-AR
CP158-CP160	.01 MF 50V AX CER			52G	EPROM-BG-AS
CP161-CP163	10 MF 25V AX TANT			53G	EPROM-BG-AT
CP164-CP166	.01 MF 50V AX CER			54G	EPROM-BG-AU
CP167-CP169	10 MF 25V AX TANT			55G	EPROM-BG-AV
CP170-CP172	.01 MF 50V AX CER			56G	EPROM-BG-AW
CP173-CP175	10 MF 25V AX TANT			57G	EPROM-BG-AX
CP176-CP178	.01 MF 50V AX CER			58G	EPROM-BG-AY
CP179-CP181	10 MF 25V AX TANT			59G	EPROM-BG-AZ
CP182-CP184	.01 MF 50V AX CER			60G	EPROM-BG-BA
CP185-CP187	10 MF 25V AX TANT			61G	EPROM-BG-BB
CP188-CP190	.01 MF 50V AX CER			62G	EPROM-BG-BB
CP191-CP193	10 MF 25V AX TANT			63G	EPROM-BG-BB
CP194-CP196	.01 MF 50V AX CER			64G	EPROM-BG-BB
CP197-CP199	10 MF 25V AX TANT			65G	EPROM-BG-BB
CP200-CP202	.01 MF 50V AX CER			66G	EPROM-BG-BB
CP203-CP205	10 MF 25V AX TANT			67G	EPROM-BG-BB
CP206-CP208	.01 MF 50V AX CER			68G	EPROM-BG-BB
CP209-CP211	10 MF 25V AX TANT			69G	EPROM-BG-BB
CP212-CP214	.01 MF 50V AX CER			70G	EPROM-BG-BB
CP215-CP217	10 MF 25V AX TANT			71G	EPROM-BG-BB
CP218-CP220	.01 MF 50V AX CER			72G	EPROM-BG-BB
CP221-CP223	10 MF 25V AX TANT			73G	EPROM-BG-BB
CP224-CP226	.01 MF 50V AX CER			74G	EPROM-BG-BB
CP227-CP229	10 MF 25V AX TANT			75G	EPROM-BG-BB
CP230-CP232	.01 MF 50V AX CER			76G	EPROM-BG-BB
CP233-CP235	10 MF 25V AX TANT			77G	EPROM-BG-BB
CP236-CP238	.01 MF 50V AX CER			78G	EPROM-BG-BB
CP239-CP241	10 MF 25V AX TANT			79G	EPROM-BG-BB
CP242-CP244	.01 MF 50V AX CER			80G	EPROM-BG-BB
CP245-CP247	10 MF 25V AX TANT			81G	EPROM-BG-BB
CP248-CP250	.01 MF 50V AX CER			82G	EPROM-BG-BB
CP251-CP253	10 MF 25V AX TANT			83G	EPROM-BG-BB
CP254-CP256	.01 MF 50V AX CER			84G	EPROM-BG-BB
CP257-CP259	10 MF 25V AX TANT			85G	EPROM-BG-BB
CP260-CP262	.01 MF 50V AX CER			86G	EPROM-BG-BB
CP263-CP265	10 MF 25V AX TANT			87G	EPROM-BG-BB
CP266-CP268	.01 MF 50V AX CER			88G	EPROM-BG-BB
CP269-CP271	10 MF 25V AX TANT			89G	EPROM-BG-BB
CP272-CP274	.01 MF 50V AX CER			90G	EPROM-BG-BB
CP275-CP277	10 MF 25V AX TANT			91G	EPROM-BG-BB
CP278-CP280	.01 MF 50V AX CER			92G	EPROM-BG-BB
CP281-CP283	10 MF 25V AX TANT			93G	EPROM-BG-BB
CP284-CP286	.01 MF 50V AX CER			94G	EPROM-BG-BB
CP287-CP289	10 MF 25V AX TANT			95G	EPROM-BG-BB
CP290-CP292	.01 MF 50V AX CER			96G	EPROM-BG-BB
CP293-CP295	10 MF 25V AX TANT			97G	EPROM-BG-BB
CP296-CP298	.01 MF 50V AX CER			98G	EPROM-BG-BB
CP299-CP301	10 MF 25V AX TANT			99G	EPROM-BG-BB
CP302-CP304	.01 MF 50V AX CER			100G	EPROM-BG-BB
CP305-CP307	10 MF 25V AX TANT				
CP308-CP310	.01 MF 50V AX CER				
CP311-CP313	10 MF 25V AX TANT				
CP314-CP316	.01 MF 50V AX CER				
CP317-CP319	10 MF 25V AX TANT				
CP320-CP322	.01 MF 50V AX CER				
CP323-CP325	10 MF 25V AX TANT				
CP326-CP328	.01 MF 50V AX CER				
CP329-CP331	10 MF 25V AX TANT				
CP332-CP334	.01 MF 50V AX CER				
CP335-CP337	10 MF 25V AX TANT				
CP338-CP340	.01 MF 50V AX CER				
CP341-CP343	10 MF 25V AX TANT				
CP344-CP346	.01 MF 50V AX CER				
CP347-CP349	10 MF 25V AX TANT				
CP350-CP352	.01 MF 50V AX CER				
CP353-CP355	10 MF 25V AX TANT				
CP356-CP358	.01 MF 50V AX CER				
CP359-CP361	10 MF 25V AX TANT				
CP362-CP364	.01 MF 50V AX CER				
CP365-CP367	10 MF 25V AX TANT				
CP368-CP370	.01 MF 50V AX CER				
CP371-CP373	10 MF 25V AX TANT				
CP374-CP376	.01 MF 50V AX CER				
CP377-CP379	10 MF 25V AX TANT				
CP380-CP382	.01 MF 50V AX CER				
CP383-CP385	10 MF 25V AX TANT				
CP386-CP388	.01 MF 50V AX CER				
CP389-CP391	10 MF 25V AX TANT				
CP392-CP394	.01 MF 50V AX CER				
CP395-CP397	10 MF 25V AX TANT				
CP398-CP400	.01 MF 50V AX CER				
CP401-CP403	10 MF 25V AX TANT				
CP404-CP406	.01 MF 50V AX CER				
CP407-CP409	10 MF 25V AX TANT				
CP410-CP412	.01 MF 50V AX CER				
CP413-CP415	10 MF 25V AX TANT				
CP416-CP418	.01 MF 50V AX CER				
CP419-CP421	10 MF 25V AX TANT				
CP422-CP424	.01 MF 50V AX CER				
CP425-CP427	10 MF 25V AX TANT				
CP428-CP430	.01 MF 50V AX CER				
CP431-CP433	10 MF 25V AX TANT				
CP434-CP436	.01 MF 50V AX CER				
CP437-CP439	10 MF 25V AX TANT				
CP440-CP442	.01 MF 50V AX CER				
CP443-CP445	10 MF 25V AX TANT				
CP446-CP448	.01 MF 50V AX CER				
CP449-CP451	10 MF 25V AX TANT				
CP452-CP454	.01 MF 50V AX CER				
CP455-CP457	10 MF 25V AX TANT				
CP458-CP460	.01 MF 50V AX CER				
CP461-CP463	10 MF 25V AX TANT				
CP464-CP466	.01 MF 50V AX CER				
CP467-CP469	10 MF 25V AX TANT				
CP470-CP472	.01 MF 50V AX CER				
CP473-CP475	10 MF 25V AX TANT				
CP476-CP478	.01 MF 50V AX CER				
CP479-CP481	10 MF 25V AX TANT				
CP482-CP484	.01 MF 50V AX CER				
CP485-CP487	10 MF 25V AX TANT				
CP488-CP490	.01 MF 50V AX CER				
CP491-CP493	10 MF 25V AX TANT				
CP494-CP496	.01 MF 50V AX CER				
CP497-CP499	10 MF 25V AX TANT				
CP500-CP502	.01 MF 50V AX CER				
CP503-CP505	10 MF 25V AX TANT				
CP506-CP508	.01 MF 50V AX CER				
CP509-CP511	10 MF 25V AX TANT				
CP512-CP514	.01 MF 50V AX CER				
CP515-CP517	10 MF 25V AX TANT				
CP518-CP520	.01 MF 50V AX CER				
CP521-CP523	10 MF 25V AX TANT				
CP524-CP526	.01 MF 50V AX CER				
CP527-CP529	10 MF 25V AX TANT				
CP530-CP532	.01 MF 50V AX CER				
CP533-CP535	10 MF 25V AX TANT				
CP536-CP538	.01 MF 50V AX CER				
CP539-CP541	10 MF 25V AX TANT				
CP542-CP544	.01 MF 50V AX CER				
CP545-CP547	10 MF 25V AX TANT				
CP548-CP550	.01 MF 50V AX CER				
CP551-CP553	10 MF 25V AX TANT				
CP554-CP556	.01 MF 50V AX CER				
CP557-CP559	10 MF 25V AX TANT				
CP560-CP562	.01 MF 50V AX CER				
CP563-CP565	10 MF 25V AX TANT				
CP566-CP568	.01 MF 50V AX CER				
CP569-CP571	10 MF 25V AX TANT				
CP572-CP574	.01 MF 50V AX CER				
CP575-CP577	10 MF 25V AX TANT				
CP578-CP580	.01 MF 50V AX CER				
CP581-CP583	10 MF 25V AX TANT				
CP584-CP586	.01 MF 50V AX CER				
CP587-CP589	10 MF 25V AX TANT				
CP590-CP592	.01 MF 50V AX CER				
CP593-CP595	10 MF 25V AX TANT				
CP596-CP598	.01 MF 50V AX CER				
CP599-CP601	10 MF 25V AX TANT				
CP602-CP604	.01 MF 50V AX CER				
CP605-CP607	10 MF 25V AX TANT				
CP608-CP610	.01 MF 50V AX CER				
CP611-CP613	10 MF 25V AX TANT				
CP614-CP616	.01 MF 50V AX CER				
CP617-CP619	10 MF 25V AX TANT				
CP620-CP622	.01 MF 50V AX CER				
CP623-CP625	10 MF 25V AX TANT				
CP626-CP628	.01 MF 50V AX CER				
CP629-CP631	10 MF 25V AX TANT				
CP632-CP634	.01 MF 50V AX CER				
CP635-CP637	10 MF 25V AX TANT				
CP638-CP640	.01 MF 50V AX CER				
CP641-CP643	10 MF 25V AX TANT	</			

